WRD RESOURCE ROOM

EVER

THE RESPONSE OF EXPERIMENTAL CHANNELS IN EVERGLADES NATIONAL PARK TO INCREASED NITROGEN AND PHOSPHORUS LOADING DATA REPORT: CHEMISTRY AND PRIMARY PRODUCTIVITY

WATER RESOURCES REPORT NO. 86-6

NATIONAL PARK SERVICE
Department of the Interior

WATER RESOURCES DIVISION
NATIONAL PARK SERVICE
COLORADO STATE UNIVERSITY
FORT COLLINS, COLORADO 80523

This report presents the results of a study conducted by the National Park Service Water Resources Division. It is intended primarily for use by the particular Park Service area or areas that are addressed in the report but may be of interest to other persons working in water resources management. Requests for copies of this report should be addressed to:

Chief
Water Resources Division
National Park Service
301 South Howes Street
Fort Collins, Colorado 80521

Note: Use of trade names does not imply U.S. Government endorsement of commercial products.

THE RESPONSE OF EXPERIMENTAL CHANNELS IN EVERGLADES NATIONAL PARK TO INCREASED NITROGEN AND PHOSPHORUS LOADING

DATA REPORT: CHEMISTRY AND PRIMARY PRODUCTIVITY

Water Resources Report No. 86-6

Mark D. Flora,[1] David R. Walker,[1]
Kenneth A. Burgess,[1] Daniel J. Scheidt,[2]
and Ramona G. Rice[3]

July 1986

National Park Service
Water Resources Division
Colorado State University
Fort Collins, Colorado 80523

[1]National Park Service, Water Resources Division, Colorado State University, Fort Collins, Colorado 80523
[2]National Park Service, South Florida Research Center, Everglades National Park, Homestead, Florida 33030
[3]Drinking Water Research Center, Florida International University, Miami, Florida 33199

ACKNOWLEDGMENTS

The authors would like to express their appreciation to Dr. Gary Hendrix, Research Director, Everglades National Park, and Mr. David Buker, Database Manager, Everglades National Park, whose thorough reviews greatly strengthened this report. In addition, we would like to thank Juliette Wilson, Colorado State University/National Park Service, for her help in the editing and production of this report. Finally, we extend our thanks to Sandy Page and Linda Jensen of the Colorado State University Engineering Research Center for their careful and patient technical typing of the many drafts of this report.

ACKNOWLEDGMENTS

The authors would like to express their appreciation to Mr. Gary Hendrix, Research Director, Everglades National Park, and Mr. David [illegible], Resource Manager, Everglades National Park, whose thorough reviews greatly strengthened this report. In addition, we would like to thank [illegible] Wilson, Everglades [illegible] for her help in the editing and production of this report. Finally, we extend our thanks to Wendy Hope and [illegible] of the Colorado State University Engineering Research Center for their careful and patient technical typing of the many drafts of this report.

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

INTRODUCTION

In order to assess the effects of increased nutrient loading in surface waters delivered to Everglades National Park (EVER), an 18-month experimental field program was conducted by the National Park Service in the freshwater marsh of the Shark River Slough. Nitrate-nitrogen (NO_3-N), phosphate-phosphorus (PO_4-P), and a combination of nitrate-nitrogen and phosphate-phosphorus (NO_3-N plus PO_4-P) were added continuously to three flow-through experimental channels (5 m x 100 m) that were monitored regularly for water quality and biological changes downstream from the sources of nutrient addition.

Nutrient addition of NO_3-N plus PO_4-P into experimental Channel B commenced in April, 1983 and continued through September, 1984. Additions of PO_4-P into experimental Channel A and NO_3-N into experimental Channel C were begun in October, 1983 and terminated at the end of September, 1984. Results from these experiments are summarized in the following technical reports:

Flora, M. D., D. R. Walker, D. J. Scheidt, R. G. Rice, and D. H. Landers. (In preparation.) The response of experimental channels in Everglades National Park to increased nitrogen and phosphorus loading. Part I: Nutrient uptake and periphyton productivity. South Florida Research Center Report, Everglades National Park, Homestead, FL.

Walker, D. R., M. D. Flora, R. G. Rice, and D. J. Scheidt. (In preparation.) The response of experimental channels in Everglades National Park to increased nitrogen and phosphorus loading. Part II: Macrophyte community structure and chemical composition. South Florida Research Center Report, Everglades National Park, Homestead, FL.

Rice, R. G., M. D. Flora, D. R. Walker, and D. J. Scheidt. (In preparation.) The response of experimental channels in Everglades National Park to increased nitrogen and phosphorus loading. Part III: Periphyton community dynamics. South Florida Research Center, Everglades National Park, Homestead, FL.

The purpose of this report is to present data-processing procedures utilized in the management of the data base established from this study and to provide listings and descriptions of the different data files used in the preparation of the above reports.

DATA PROCESSING METHODOLOGY

The data base created in this study was developed using the Statistical Package for the Social Sciences (SPSS) on the CYBER computer system at Colorado State University. This data base consists of nine separate data files at three levels of refinement (Figure 1).

Initially, data were entered into four separate files, each containing a particular section of results. These files became the

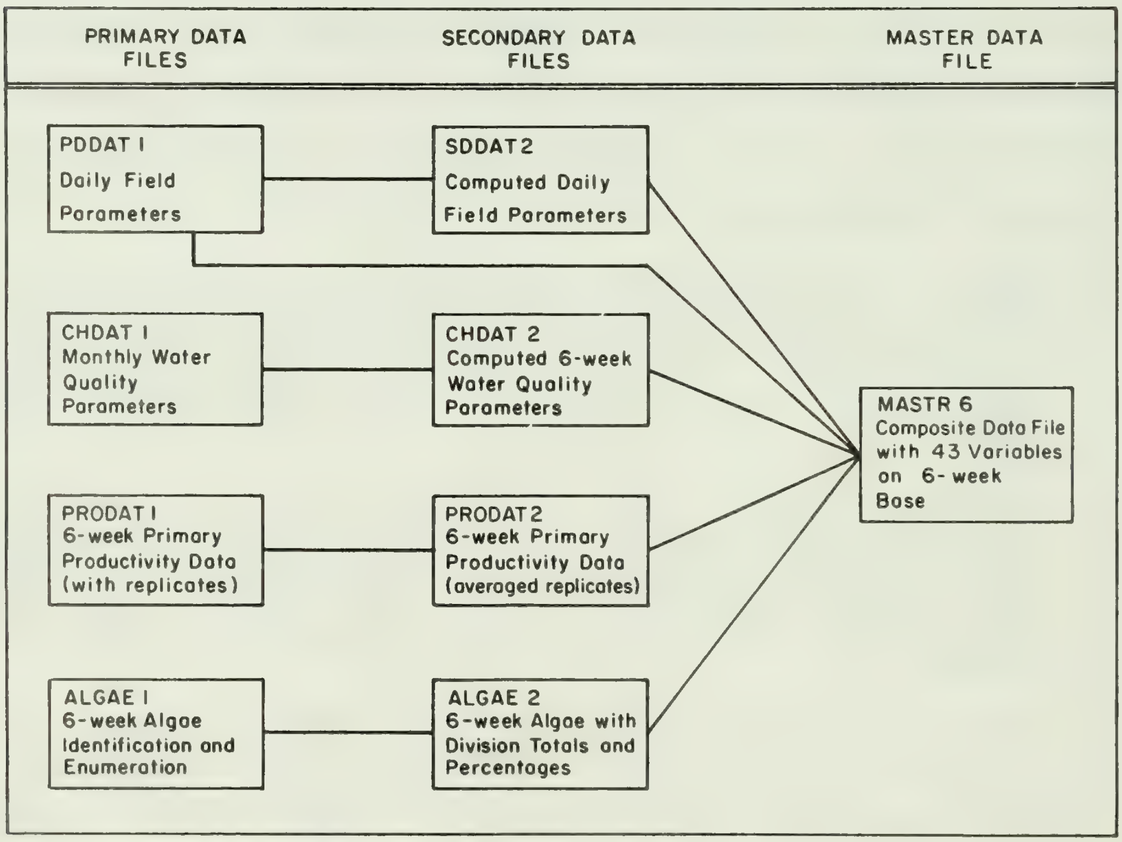

Figure 1. Data management scheme for Everglades nutrient addition study.

Table 1. Primary data files.

File Name	Description
PDDAT1	Primary data file containing daily measurements of physical field parameters
CHDAT1	Chemistry data file containing monthly USGS water quality samples and additional NPS samples
PRODAT1	Productivity data file composed of six-week primary productivity determinations (carbon fixed, chlorophyll a, phaeopigment and dry weight)
ALGAE1	Algae data file containing six-week identifications and enumeration of algae present, by genera

primary data files after the raw data files were formatted and labeled (Table 1). A secondary data base was then created in which the files contain either summaries of data or new variables calculated from the original data (Table 2). These conversions were made to aid in the comparison of different data sets. Finally, elements of the primary and secondary data files were merged into a master file (MASTR6) of 43 variables organized by date (every six weeks) and by site. Much of the analysis presented in the technical reports is derived from the MASTR6 data file.

Table 2. Secondary data files.

File Name	Description
SDDAT2	Daily data file containing discharge and initial nutrient concentrations calculated from primary data in PDDAT1
CHDAT2	Contains computed six-week water chemistry parameters
PRODAT2	Productivity file containing mean values calculated from replicate values in PRODAT1
ALGAE2	Algae file containing data by division rather than genera with calculated percentages for the 3 major divisions

This report describes and presents MASTR6 (Appendix A), the master data file generated from this study, and the most important primary and secondary data files including PDDAT1 (Appendix B), SDDAT2 (Appendix C), CHDAT2 (Appendix D), and PRODAT1 (Appendix E).

The most difficult task in structuring the master file was standardizing the time scale to six-week intervals. This was accomplished by computing six-week averages of the daily data (PDDAT1 and SDDAT2) and computing six-week averages (CHDAT2) from the water chemistry parameters (CHDAT1). The productivity data (PRODAT1) and the algae data (ALGAE1) were already organized on a six-week basis and the secondary files of these data were included in their entirety in the MASTR6 data file. Table 3 presents the numeric codes for the beginning dates of experiments, and site location codes for the data files are found in Table 4. Following are brief descriptions of data files contained in this report.

Table 3. Numeric codes for day and week of productivity experiments.

Date	Day Number (Year, Julian Day)	Week of Experiment
15 May 83	83135	6
26 June 83	83177	12
7 August 83	83219	18
18 September 83	83261	24
30 October 83	83303	30
11 December 83	83345	36
22 January 84	84022	42
11 March 84	84071	49
22 April 84	84113	55
10 June 84	84162	62
22 July 84	84204	68
23 September 84	84267	77

Table 4. Site descriptions and codes used in data files.

Site Number	Site	Description
		Channel A (P addition)
01	10A	10 meters downstream
02	20A	20 meters
03	35A	35 meters
04	65A	65 meters
05	95A	95 meters
		Channel B (P+N addition)
06	10B	10 meters downstream
07	20B	20 meters
08	35B	35 meters
09	65B	65 meters
10	95B	95 meters
		Channel C (N addition)
11	10C	10 meters downstream
12	20C	20 meters
13	35C	35 meters
14	65C	65 meters
15	95C	95 meters
		Control
16	20R	20 meters downstream
17	65R	65 meters

MASTR6

The MASTR6 data file contains an array of 43 variables merged into one file based on six-week time intervals. Computations were done using a binary version of the file. Table 5 presents and defines the MASTR6 data file. (In the MASTR6 and all other files, missing data are represented by 999 and usually resulted from equipment failure or the need for a dummy variable.)

PDDAT1

PDDAT1 includes 13 variables representing measures of the daily physical parameters. Initially, water velocity was measured only in Channel C. After the disappearance of the periphyton mat and increased

Table 5. Definition of variables for the master data file (MASTR6).

Variable Name	Description of Variable	Units
WEEK	Week of experiment from time zero (10 April 83)	weeks
DEPTH	Mean daily water depth	meters
HITEMP	Daily maximum water temperature	° Celsius
LOTEMP	Daily minimum water temperature	° Celsius
SPCOND	Mean daily specific conductance	μmhos cm^{-1}
LANGLEYS	Mean total radiation	Langleys day^{-1}
DISA	Discharge Channel A	ℓ sec^{-1}
DISB	Discharge Channel B	ℓ sec^{-1}
DISC	Discharge Channel C	ℓ sec^{-1}
CONCNB	Mean initial concentration NO_3-N Channel B	$\mu g\ \ell^{-1}$
CONCNC	Mean initial concentration NO_3-N Channel C	$\mu g\ \ell^{-1}$
CONCPA	Mean initial concentration PO_4-P Channel A	$\mu g\ \ell^{-1}$
CONCPB	Mean initial concentration PO_4-P Channel B	$\mu g\ \ell^{-1}$
NO3-10	Dissolved NO_3-N (at 10 cm depth)	$\mu g\ \ell^{-1}$
NH4-10	Dissolved NH_4-N (at 10 cm depth)	$\mu g\ \ell^{-1}$
ORGN-10	Dissolved organic nitrogen (as N) (at 10 cm)	$\mu g\ \ell^{-1}$
NTOT-10	Total nitrogen (at 10 cm depth)	$\mu g\ \ell^{-1}$
PO4-10	Dissolved orthophosphate (as P) (at 10 cm)	$\mu g\ \ell^{-1}$
PTOT-10	Total phosphorus (at 10 cm depth)	$\mu g\ \ell^{-1}$
TEMP	Water temperature during productivity incubation	° Celsius
LANGLEYS	Solar radiation input during productivity incubation	Langleys hr^{-1}
14CUP	Mean carbon fixed during incubation (corrected)	μg C cm^{-2} hr^{-1}
CHLA	Mean chlorophyll *a*	μg cm^{-2} 6 wk^{-1}
PHAEO	Mean phaeopigment	μg cm^{-2} 6 wk^{-1}
DRYWT	Mean dry weight	μg cm^{-2} 6 wk^{-1}
CHLA/PHAEO	Mean ratio of CHLA to PHAEO	
C14/DRYWT	Mean carbon fixed per unit dry weight	μg C μg^{-1} dry wt hr^{-1}
CHLA/WK	Mean chlorophyll *a* per week of growth	μg cm^{-2} wk^{-1}
PHAEO/WK	Mean phaeopigment per week of growth	μg cm^{-2} wk^{-1}
DRYWT/WK	Mean dry weight per week of growth	μg cm^{-2} wk^{-1}

Table 5. (continued)

Variable Name	Description of Variable	Units
1000	Cyanophyta (cells)	cells cm^{-2}
2000	Chlorophyta	cells cm^{-2}
3000	Euglenophyta	cells cm^{-2}
4000	Xanthophyta	cells cm^{-2}
5000	Chrysophyta	cells cm^{-2}
6000	Bacillariophyta	cells cm^{-2}
7000	Dinophyta	cells cm^{-2}
8000	Cryptophyta	cells cm^{-2}
TOTAL	Total algal cell count	cells cm^{-2}
%BLGRN	Percent Cyanophyta	% of total count
%GREEN	Percent Chlorophyta	% of total count
%DIATOMS	Percent Diatoms	% of total count
%OTHER	Percent Other	% of total count

macrophyte growth, water velocity measurements were also conducted in the other two channels. Table 6 presents the variable descriptions for PDDAT1.

<u>SDDAT2</u>

SDDAT2 consists of variables calculated from data contained in PDDAT1. Depth, channel width, water velocity and a conversion factor are used to compute discharge measurements for each channel. Discharge (ℓ sec^{-1}), nutrient amount dosed, and a conversion factor are then used to calculate initial nutrient concentrations (assuming complete mixing) at the points of nutrient addition. Table 7 contains the variable descriptions for SDDAT2.

Table 6. Definition of variables for the daily primary data file (PDDAT1).

Variable Name	Description of Variable	Units
DATE	YYDDD	days (year, Julian day)
DEPTH	Daily mean water depth	meters
HITEMP	Daily maximum water temperature	° Celsius
LOTEMP	Daily minimum water temperature	° Celsius
SPCOND	Daily mean specific conductance	μmhos cm^{-1}
LANGLEYS	Daily solar radiation	Langleys day^{-1}
VELA	Water velocity in Channel A	millimeters sec^{-1}
VELB	Water velocity in Channel B	millimeters sec^{-1}
VELC	Water velocity in Channel C	millimeters sec^{-1}
NUTA	Daily nutrient addition of stock PO_4-P solution Channel A	liters day^{-1}
NUTB	Daily nutrient addition of stock NO_3-N+PO_4-P solution Channel B	liters day^{-1}
NUTC	Daily nutrient addition of stock NO_3-N solution Channel C	liters day^{-1}

Table 7. Definition of variables for the converted daily primary data file (SDDAT2).

Variable Name	Description of Variable	Units
DATE	YYDDD	days (yr, Julian day)
DEPTH	Daily mean water depth	meters
DISA	Daily discharge Channel A (DEPTH x WIDTH x VEL x conversion factor)	liters sec^{-1}
DISB	Daily discharge Channel B	liters sec^{-1}
DISC	Daily discharge Channel C	liters sec^{-1}
CONCNB	Daily initial NO_3-N concentration, Channel B	μg ℓ^{-1}
CONCNC	Daily initial NO_3-N concentration, Channel C*	μg ℓ^{-1}
CONCPA	Daily initial PO_4-P concentration, Channel A*	μg ℓ^{-1}
CONCPB	Daily initial PO_4-P concentration, Channel B	μg ℓ^{-1}

*Channels A and C also have two dummy variables, CONCNA and CONCPC, in SDDAT2.

CHDAT2

The chemistry data file, CHDAT2, contains the six-week weighted averages of the nutrient parameters measured throughout the experimental and control channels. Monthly water quality determinations were made by the U.S. Geological Survey. These were supplemented by more frequent phosphorus analyses conducted by the National Park Service. Both data sets were used to compile CHDAT2, for which the variables are defined in Table 8. The original USGS and NPS water chemistry data files contained in CHDAT1 are available on computer tape at the South Florida Research Center, Everglades National Park.

PRODAT1

PRODAT1 contains 12 variables associated with primary productivity results from *in situ* experiments. Two or three light bottle replicates and one dark bottle per site were incubated in the field and analyzed in the laboratory. Replicates were averaged and data condensed in PRODAT2 for inclusion in MASTR6. Table 9 describes the variables found in PRODAT1.

Table 8. Definition of variables for the chemistry data file (CHDAT2).

Variable Name	Description of Variable	Units
WEEK	Week of experiment from time zero (10 April 83)	weeks
SITE	Site location (see Table 4)	
NO3-10	Dissolved NO_3-N concentration (10 cm depth)	$\mu g\ \ell^{-1}$
NH4-10	Dissolved NH_4-N concentration (10 cm depth)	$\mu g\ \ell^{-1}$
ORGN-10	Dissolved organic nitrogen (10 cm depth)	$\mu g\ \ell^{-1}$
NTOT-10	Total nitrogen as N (10 cm depth)	$\mu g\ \ell^{-1}$
PO4-10	Dissolved orthophosphate as P (10 cm depth)	$\mu g\ \ell^{-1}$
PTOT-10	Total phosphorus as P (10 cm depth)	$\mu g\ \ell^{-1}$

Table 9. Definition of variables for the six-week productivity file (PRODAT1).

Variable Name	Description of Variable	Units
WEEK	Week after beginning of experiment	weeks
SITE	Site location (see Table 4)	
TEMP	Water temperature during ^{14}C incubation	° Celsius
LANGLEYS	Solar radiation during ^{14}C incubation	Langleys hr^{-1}
14CUP	Carbon fixed during incubation (corrected)	μg cm^{-2} hr^{-1}
CHLA	Chlorophyll _a_ per unit area of slide	μg cm^{-2} 6 wk^{-1}
PHAEO	Phaeopigment of sample per unit area of slide	μg cm^{-2} 6 wk^{-1}
DRYWT	Dry weight (105°C) per unit area of slide	μg cm^{-2} 6 wk^{-1}
CHLA/PHAEO	Ratio of CHLA to PHAEO	
C14/DRYWT	Carbon fixed per unit dry weight	μg C $μg^{-1}$ dry wt
CHLA/WK	Chlorophyll _a_	μg cm^{-2} wk^{-1}
PHAEO/WK	Phaeopigment	μg cm^{-2} wk^{-1}
DRYWT/WK	Dry weight	μg cm^{-2} wk^{-1}

APPENDIX A: MASTR 6

MASTER FILE FOR 6-WEEK LISTINGS OF PRIMARY, CHEMISTRY, PRODUCTIVITY AND ALGAE DATA.

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
6	.47	26.1	23.1	456	999	11.1	11.1	11.1	103	999	999	35

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
6	1	999	999	999	999	5	999
6	2	999	999	999	999	5	999
6	3	999	999	999	999	6	999
6	4	999	999	999	999	6	999
6	5	999	999	999	999	8	999
6	6	999	999	999	999	41	999
6	7	999	999	999	999	31	999
6	8	999	999	999	999	24	999
6	9	999	999	999	999	19	999
6	10	999	999	999	999	11	999
6	11	999	999	999	999	5	999
6	12	999	999	999	999	5	999
6	13	999	999	999	999	6	999
6	14	999	999	999	999	999	999
6	15	999	999	999	999	5	999
6	16	999	999	999	999	6	999
6	17	999	999	999	999	6	999

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
6	1	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	2	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	3	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	5	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	6	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	7	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	8	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	9	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	10	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	11	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	12	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	13	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	15	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	16	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	17	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
6	1	138483	4663	496	0	397	47319	0	1635	193193	71.7	2.4	24.5	1.4
6	2	79261	7489	397	0	1140	32636	0	3224	124347	63.7	6.0	26.4	3.6
6	3	68967	6497	546	0	446	14236	50	1468	112230	79.3	5.6	12.7	2.3
6	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
6	5	352458	21474	1786	0	793	71424	149	2926	451010	76.1	4.6	15.8	1.3
6	6	37694	159960	1483	397	0	32142	0	6398	238279	15.9	67.1	13.5	3.5
6	7	72216	26587	943	1587	0	49402	0	7787	155522	45.6	16.6	31.2	6.5
6	8	57288	59534	1091	0	0	61394	0	2232	201539	26.4	29.5	43.4	1.6
6	9	126381	3523	595	2381	248	25346	0	1299	159764	79.1	2.2	15.9	2.8
6	10	70284	18997	347	0	0	38093	0	2723	130449	53.9	14.6	29.2	2.4
6	11	104161	2430	298	3174	2679	42557	0	1786	157035	66.3	1.5	27.1	5.1
6	12	84718	4068	843	397	1438	44342	0	2725	138534	61.2	2.4	32.0	3.9
6	13	66861	2729	1042	0	1141	13595	56	2579	93001	71.9	2.9	20.0	5.2
6	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
6	15	35959	4068	446	992	298	10466	0	1240	53469	67.3	7.6	19.5	5.6
6	16	77425	9374	347	2778	0	50593	50	4067	144634	53.5	6.5	35.0	5.0
6	17	175287	10367	1042	794	4563	32588	99	2723	227468	77.1	4.6	14.3	4.1

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
12	.44	29.1	26.6	425	349	8.0	8.0	8.0	139	999	999	47

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
12	1	10	999	999	999	5	999
12	2	10	999	999	999	999	999
12	3	10	999	999	999	5	999
12	4	10	999	999	999	999	999
12	5	10	999	999	999	6	999
12	6	55	999	999	3600	24	72
12	7	55	999	999	3900	24	89
12	8	65	80	999	4800	19	74
12	9	65	75	999	4500	12	96
12	10	60	70	999	5200	6	125
12	11	10	999	999	999	5	999
12	12	10	999	999	999	999	999
12	13	10	999	999	999	6	999
12	14	10	999	999	999	999	999
12	15	10	999	999	999	5	999
12	16	10	999	999	999	5	999
12	17	10	999	999	999	5	999

WEEK	SITE	TEMP,C	LANGLEYS	(14CLP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
12	1	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	2	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	3	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	5	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	6	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	7	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	8	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	9	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	10	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	11	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	12	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	13	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	15	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	16	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	17	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
12	1	83873	4065	397	0	199	15427	99	2063	106143	79.3	3.6	14.5	2.6
12	2	84170	4613	744	0	2084	14533	0	2579	108723	77.4	4.2	13.4	5.0
12	3	66663	3077	298	0	794	18451	0	942	96225	73.9	3.4	20.4	2.3
12	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
12	5	105400	3818	446	0	298	41068	50	1438	152516	69.1	2.5	26.9	1.5
12	6	52638	365676	1240	0	186	4092	0	1736	425566	12.4	85.9	1.0	.7
12	7	99882	188170	496	0	930	8246	0	556	298232	33.5	63.1	2.8	.7
12	8	287866	125612	620	0	62	10044	62	1755	426002	67.5	29.5	2.4	.6
12	9	46127	1538	496	0	198	18253	0	794	67456	68.4	2.4	27.1	2.2
12	10	101494	41230	1860	0	558	34906	0	3038	183066	55.4	22.5	19.1	3.0
12	11	30900	3721	744	198	2083	8729	0	2262	46657	63.5	7.6	17.9	10.9
12	12	46521	3373	645	794	199	11459	50	1736	64777	71.6	5.2	17.8	5.4
12	13	135655	5408	248	1190	1438	27429	0	843	172211	78.8	3.1	15.9	2.2
12	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
12	15	13790	298	248	0	0	6282	0	546	23164	59.5	1.3	35.8	3.4
12	16	73408	109244	620	0	62	10416	0	1674	195424	37.6	55.9	5.3	1.2
12	17	28074	4664	496	1587	397	13639	0	1339	59396	55.7	9.3	27.3	7.6

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
18	.45	30.4	27.8	355	345	9.7	8.7	8.1	123	999	999	41

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
18	1	10	999	999	999	5	999
18	2	10	999	999	999	999	999
18	3	10	999	999	999	6	999
18	4	10	999	999	999	999	999
18	5	10	999	999	999	5	999
18	6	60	999	999	1650	19	185
18	7	46	999	999	1950	12	118
18	8	50	999	999	1500	12	88
18	9	46	999	999	1300	7	143
18	10	47	999	999	1600	5	72
18	11	16	999	999	999	5	999
18	12	10	999	999	999	999	999
18	13	13	999	999	999	5	999
18	14	13	999	999	999	999	999
18	15	13	999	999	999	5	999
18	16	11	999	999	999	5	999
18	17	11	999	999	999	5	999

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
18	1	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	2	29.1	47	.021	6.25	4.43	.0227	1.86	.9236	1.37	.74	.0038
18	3	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	5	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	6	29.2	43	.225	43.25	25.19	.2421	1.72	.9307	7.21	4.20	.0403
18	7	29.1	52	.605	212.77	119.35	.5655	1.78	1.0705	35.46	19.92	.0942
18	8	29.1	52	.568	235.69	130.60	.6321	1.80	.8991	39.28	21.77	.1054
18	9	29.1	51	.226	21.00	11.27	.0780	1.86	2.8941	3.50	1.88	.0130
18	10	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	11	29.2	50	.019	7.64	5.53	.0281	1.38	.0734	1.28	.92	.0047
18	12	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	13	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	15	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
18	16	29.4	54	.021	10.46	5.66	.0151	1.85	1.3877	1.75	.95	.0025
18	17	29.4	50	.045	10.87	4.95	.0303	2.20	1.5077	[illegible]	.83	[illegible]

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
18	1	230596	6248	843	0	50	23154	0	2231	263122	87.6	2.4	8.0	1.2
18	2	227869	5107	347	595	843	20029	0	2677	257467	88.5	2.0	7.8	1.7
18	3	61281	1141	50	0	298	14328	0	1333	78436	78.1	1.5	18.3	2.2
18	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
18	5	106695	7039	198	595	495	29995	0	992	146009	73.1	4.8	20.5	1.6
18	6	200398	47182	186	0	372	13886	0	0	258026	77.6	17.8	5.2	.2
18	7	1353210	27466	372	0	0	20770	0	2046	1403864	96.4	2.0	1.3	.2
18	8	293601	21297	279	0	[illegible]	47337	0	2418	364932	80.5	5.8	13.0	.7
18	9	221227	8776	347	0	2776	24592	0	3322	261040	84.7	3.4	9.4	2.5
18	10	426808	190464	1488	0	1116	45506	0	5208	670592	63.6	28.4	6.8	1.2
18	11	23996	4661	397	793	[illegible]	8576	0	1934	40357	59.5	11.5	21.3	7.7
18	12	201147	10809	793	0	546	37532	0	1934	252761	79.6	4.3	14.8	1.3
18	13	141550	5009	198	0	100	22312	0	1587	170756	82.9	2.9	13.1	1.1
18	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
18	15	32624	694	50	2776	149	5496	0	595	43384	75.2	1.6	15.0	8.2
18	16	170010	12841	297	0	1934	20674	0	1934	207690	81.9	6.2	10.0	2.0
18	17	1717772	15128	496	0	1736	108996	0	3720	1847040	93.0	.8	5.9	.3

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
24	.55	27.3	27.2	479	267	13.8	14.6	12.4	76	999	999	26

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
24	1	10	999	999	999	999	999
24	2	10	999	999	999	999	999
24	3	10	999	999	999	999	999
24	4	10	999	999	999	999	999
24	5	10	999	999	999	999	999
24	6	35	999	999	999	29	999
24	7	35	999	999	999	19	999
24	8	45	999	999	999	13	999
24	9	45	999	999	999	9	999
24	10	30	999	999	999	7	999
24	11	10	999	999	999	999	999
24	12	10	999	999	999	999	999
24	13	10	999	999	999	999	999
24	14	10	999	999	999	999	999
24	15	10	999	999	999	999	999
24	16	15	999	999	999	6	999
24	17	10	999	999	999	6	999

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
24	1	28.5	47	.016	5.07	3.08	.0119	1.65	1.3463	.84	.51	.0020
24	2	27.0	37	.031	8.84	5.29	.0249	1.67	1.2265	1.47	.88	.0041
24	3	28.5	47	.129	29.88	18.43	.0834	1.62	1.5408	4.98	2.74	.0139
24	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	5	28.5	46	.112	15.48	8.57	.0374	1.81	2.9853	2.58	1.43	.0062
24	6	27.0	28	.192	134.95	68.28	.3095	1.98	.6203	22.49	11.38	.0516
24	7	27.0	24	.413	254.77	166.03	.5793	1.53	.7135	42.46	27.67	.0965
24	8	27.0	24	.279	353.67	318.34	1.0319	1.11	.2701	58.95	53.06	.1720
24	9	27.0	17	.273	191.19	117.36	.2185	1.63	1.2478	31.87	19.56	.0365
24	10	27.0	15	.102	49.29	26.10	.0617	1.89	1.6579	8.22	4.35	.0103
24	11	28.5	46	.019	6.15	4.06	.0260	1.52	.7125	1.02	.66	.0043
24	12	27.0	37	.046	12.61	8.80	.0466	1.43	.9876	2.10	1.47	.0077
24	13	28.5	47	.029	10.79	6.45	.0406	1.67	.7020	1.80	1.08	.0068
24	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	15	28.5	47	.017	16.65	9.56	.0487	1.74	.3388	2.77	1.59	.0081
24	16	27.0	37	.041	16.56	8.40	.0476	1.97	.8592	2.76	1.40	.0079
24	17	28.5	47	.009	11.90	6.46	.0211	1.84	.4265	1.98	1.08	.0035

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
24	1	60933	744	297	198	248	3173	0	843	66436	91.7	1.1	4.8	2.4
24	2	35549	2578	50	1785	1735	11602	99	2182	55580	64.0	4.6	20.9	10.5
24	3	59248	298	545	397	50	17056	0	892	78486	75.5	.4	21.7	2.4
24	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
24	5	9073	2578	99	992	100	8032	0	347	21221	42.8	12.1	37.8	7.2
24	6	708995	22187	496	0	124	17107	0	2479	751388	94.4	3.0	2.3	.4
24	7	557240	36386	942	0	118	16958	0	1766	613410	90.8	5.9	2.8	.5
24	8	487372	31608	496	0	0	42765	0	3471	565712	86.2	5.6	7.6	.7
24	9	259451	7685	446	793	447	39417	0	1587	309826	83.7	2.5	12.7	1.1
24	10	565956	93211	248	0	0	19708	0	2975	682098	83.0	13.7	2.9	.5
24	11	56422	2083	0	0	198	21568	0	1190	81461	69.3	2.6	26.5	1.7
24	12	61827	1982	353	0	496	30392	0	1143	96193	64.3	2.1	31.6	2.1
24	13	40209	4017	447	0	248	7983	0	1636	54540	73.7	7.4	14.5	4.3
24	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
24	15	91971	4613	50	2380	1788	26774	0	1091	128665	71.5	3.6	[illegible]	4.1
24	16	117653	3172	397	0	2827	35746	99	2925	162819	72.3	1.9	22.0	3.8
24	17	306901	18346	372	0	0	22559	0	2235	350533	87.6	5.2	6.4	.8

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
30	.56	26.0	25.9	542	229	19.9	20.7	16.5	47	56	17	16

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
30	1	10	70	1430	1510	10	50
30	2	10	70	1330	1510	10	40
30	3	10	50	1150	1410	10	40
30	4	10	40	1160	1210	10	40
30	5	10	50	1350	1310	10	30
30	6	50	60	1240	1360	10	30
30	7	30	60	1340	1440	10	50
30	8	20	40	1160	1430	10	30
30	9	20	40	1260	1530	10	30
30	10	10	30	1270	1320	10	10
30	11	70	70	1230	1360	5	30
30	12	50	70	1230	1460	5	20
30	13	60	60	1140	1370	5	20
30	14	70	70	1230	1380	5	20
30	15	40	999	999	1540	999	20
30	16	10	80	1120	1710	5	30
30	17	10	80	1220	1210	5	20

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
30	1	24.0	46	999.000	133.63	56.89	.0845	2.35	999.0000	22.27	9.48	.0141
30	2	24.0	35	999.000	113.82	66.94	.0967	1.70	999.0000	18.97	11.16	.0161
30	3	24.0	37	.063	61.01	34.00	999.0000	1.79	999.0000	10.17	5.67	999.0000
30	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	5	24.0	20	.258	126.44	72.23	999.0000	1.75	999.0000	21.07	12.04	999.0000
30	6	24.0	46	999.000	301.57	213.99	.4816	1.41	999.0000	50.26	35.67	.0803
30	7	24.0	21	999.000	232.37	135.00	.4387	1.72	999.0000	38.73	22.50	.0731
30	8	24.0	37	.233	221.86	132.02	999.0000	1.68	999.0000	36.98	22.00	999.0000
30	9	24.0	20	.200	238.35	139.51	999.0000	1.71	999.0000	39.72	23.25	999.0000
30	10	24.0	30	.188	311.81	183.44	999.0000	1.70	999.0000	51.97	30.57	999.0000
30	11	24.0	44	999.000	87.06	50.70	.1698	1.72	999.0000	14.51	8.45	.0283
30	12	24.0	26	999.000	26.18	17.30	.0260	1.51	999.0000	4.37	2.88	.0043
30	13	24.0	34	.081	71.34	37.57	999.0000	1.90	999.0000	11.89	6.26	999.0000
30	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	15	24.0	30	.047	32.48	21.03	999.0000	1.54	999.0000	5.41	3.51	999.0000
30	16	24.0	17	999.000	21.57	13.94	999.0000	1.55	999.0000	3.59	2.32	999.0000
30	17	24.0	34	.024	55.29	30.20	999.0000	1.63	999.0000	9.22	5.03	999.0000

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
30	1	690697	50447	372	992	124	71893	124	1487	816336	84.6	6.2	6.8	.4
30	2	217782	3347	248	0	248	43631	124	2355	267735	81.3	1.3	16.3	1.1
30	3	585708	9049	248	0	0	60093	0	1611	656709	89.2	1.4	9.2	.3
30	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
30	5	309629	141551	240	1983	248	7190	0	4462	465331	66.5	30.4	1.5	1.5
30	6	5408435	27517	248	0	0	34460	0	2479	5473139	98.8	.5	.6	.0
30	7	2913568	52805	744	0	248	98667	0	3719	3069751	94.9	1.7	3.2	.2
30	8	1406833	54291	992	0	48341	169317	0	7933	1687707	83.4	3.2	10.0	3.4
30	9	330747	4859	297	0	0	33076	0	2082	371061	89.1	1.3	8.9	.6
30	10	3158494	46110	1487	0	0	20586	0	4214	3230891	97.8	1.4	.6	.2
30	11	406803	9793	496	0	496	51936	124	2231	471879	86.2	2.1	11.0	.7
30	12	387097	6942	248	0	248	63959	0	620	459114	84.3	1.5	13.9	.2
30	13	122825	2603	496	3966	496	39045	0	1983	171414	71.7	1.5	22.8	4.0
30	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
30	15	238481	1736	496	0	620	36929	0	1983	280245	85.1	.6	13.2	1.1
30	16	127344	793	0	0	0	23996	0	1388	153521	82.9	.5	15.6	.9
30	17	1641320	21667	1060	0	0	29064	0	3650	1696731	96.7	1.3	1.7	.3

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
36	.57	21.4	20.5	576	244	25.4	23.9	18.6	35	53	9	12

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
36	1	10	90	1265	2620	10	30
36	2	10	160	1590	1615	15	35
36	3	10	140	1310	2525	15	35
36	4	10	50	685	800	10	40
36	5	10	135	1365	1515	10	30
36	6	40	140	1360	1550	10	30
36	7	55	55	770	890	15	50
36	8	50	120	1360	1660	10	35
36	9	55	95	1405	2615	15	35
36	10	40	105	1295	1650	7	35
36	11	45	125	1225	1705	5	30
36	12	80	130	1370	1590	5	25
36	13	75	145	1355	1595	5	30
36	14	65	145	1355	1625	5	30
36	15	65	145	1405	1625	5	25
36	16	10	150	1250	1515	5	25
36	17	10	155	1345	1515	5	25

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
36	1	19.5	42	.197	270.41	151.15	.5416	1.79	.3637	45.07	25.19	.0903
36	2	19.5	41	.184	302.64	178.92	.5281	1.69	.3478	50.44	29.82	.0880
36	3	20.0	25	.078	195.73	114.28	999.0000	1.71	999.0000	32.62	19.05	999.0000
36	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	5	20.0	28	.071	210.82	147.70	.1982	1.43	.3599	35.14	24.62	.0331
36	6	19.5	42	.277	471.99	324.78	.3521	1.45	.7854	78.66	54.13	.0587
36	7	19.5	41	.270	435.76	279.58	.6012	1.56	.4491	72.63	46.60	.1002
36	8	20.0	25	.166	461.28	355.24	999.0000	1.30	999.0000	76.88	59.21	999.0000
36	9	20.0	17	.177	447.50	299.17	.6013	1.50	.2944	74.58	49.86	.1002
36	10	20.0	22	.127	240.19	148.43	.2446	1.62	.5193	40.03	24.74	.0408
36	11	19.5	36	.018	21.53	12.24	999.0000	1.76	999.0000	3.59	2.04	999.0000
36	12	19.5	41	.005	8.94	5.21	.0829	1.72	.0644	1.49	.87	.0139
36	13	20.0	30	.011	16.12	9.26	999.0000	1.74	999.0000	2.69	1.54	999.0000
36	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	15	20.0	18	.007	9.90	6.71	999.0000	1.48	999.0000	1.65	1.12	999.0000
36	16	19.5	39	.042	48.63	27.86	.1916	1.75	.2190	8.11	4.64	.0320
36	17	20.0	18	.019	17.07	10.86	.1462	1.57	.1300	2.84	1.61	.0244

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
36	1	1766287	43135	1487	0	248	264759	0	5702	2081618	84.9	2.1	12.7	.4
36	2	1440906	142445	716	0	239	135347	0	6442	1725795	83.5	8.3	7.8	.4
36	3	2402646	258159	2975	0	2975	228317	0	12395	2907467	82.6	8.9	7.9	.6
36	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
36	5	2656496	233025	496	0	8924	436305	0	17849	3353095	79.2	6.9	13.0	.8
36	6	1166121	18842	496	992	0	145518	0	1735	1333704	87.4	1.4	10.9	.2
36	7	913264	293514	1240	0	53546	136345	0	2231	1400140	65.2	21.0	9.7	4.1
36	8	413498	22311	0	0	11699	323261	0	0	770969	53.6	2.9	41.9	1.5
36	9	3558599	46854	1488	55530	2231	135602	0	7189	3807493	93.5	1.2	3.6	1.7
36	10	984163	408043	1487	0	49566	313642	0	13882	1770997	55.6	23.0	17.7	3.7
36	11	1414270	52061	3471	0	6192	86766	0	9916	1572676	89.9	3.3	5.5	1.2
36	12	1091256	6446	992	0	744	157168	0	5454	1262060	86.5	.5	12.5	.6
36	13	766688	6447	1240	0	0	163615	0	8181	946171	81.1	.7	17.3	1.0
36	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
36	15	520095	2727	248	3966	248	90482	0	1239	619005	84.0	.4	14.0	.9
36	16	507451	9669	2231	0	248	81606	0	10903	612315	82.9	1.6	13.4	2.2
36	17	1381787	67926	2231	1983	2479	164935	0	992	1642333	84.1	4.1	11.3	.5

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
42	.58	18.2	16.5	641	237	31.2	25.7	14.7	40	76	12	13

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
42	1	10	360	1340	1820	19	50
42	2	10	350	1650	2020	16	30
42	3	10	340	2460	1920	20	60
42	4	10	999	999	999	11	999
42	5	10	999	999	999	6	999
42	6	20	300	1500	1830	19	40
42	7	60	330	1670	1950	17	40
42	8	20	360	1600	1940	17	30
42	9	999	999	999	999	6	999
42	10	50	250	1550	1960	6	20
42	11	40	360	1440	1850	5	20
42	12	110	350	1650	2120	5	20
42	13	70	360	2840	3960	5	20
42	14	160	320	1760	2060	5	20
42	15	110	330	1700	1910	5	20
42	16	10	370	1730	1920	5	20
42	17	30	350	1750	1920	5	20

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
42	1	19.0	47	.263	746.18	409.17	1.0684	1.82	.2459	124.36	68.19	.1781
42	2	20.1	56	.269	760.24	562.21	1.1984	1.35	.2245	126.71	93.70	.1997
42	3	21.7	49	.117	256.34	143.42	.4290	1.79	.2727	42.72	23.91	.0715
42	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	5	22.3	55	.109	92.83	50.17	.2243	1.85	.4846	15.47	8.36	.0374
42	6	20.8	49	.276	323.05	173.01	.5972	1.87	.4616	53.84	28.84	.0995
42	7	21.0	58	.279	264.61	168.81	1.3772	1.57	.2028	44.10	28.13	.2295
42	8	21.4	49	.227	212.50	116.82	.6549	1.82	.3461	35.42	19.47	.1091
42	9	21.8	57	.319	543.39	327.91	1.3379	1.66	.2384	90.56	54.65	.2230
42	10	21.7	56	.340	391.90	215.63	.8856	1.82	.3839	65.32	35.94	.1476
42	11	21.4	49	.074	22.17	7.49	.1649	2.96	.4487	3.70	1.25	.0275
42	12	20.5	55	.044	19.75	5.90	.0878	3.35	.4976	3.29	.99	.0146
42	13	20.8	46	.058	36.43	20.98	.1181	1.74	.4912	6.07	3.50	.0197
42	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	15	21.4	56	.027	14.78	8.64	.0173	1.71	1.5258	2.46	1.44	.0029
42	16	20.5	54	.039	27.51	10.03	.1397	2.74	.2791	4.59	1.67	.0233
42	17	21.3	57	.015	14.64	8.39	.0411	1.74	.3525	2.44	1.40	.0063

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
42	1	2325303	62471	0	0	0	161631	0	5454	2554859	91.0	2.4	6.3	.2
42	2	2470075	165598	496	0	0	135849	0	10908	2782926	88.8	6.0	4.9	.4
42	3	1535493	124446	992	0	0	182952	0	4958	1848841	83.1	6.7	9.9	.3
42	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
42	5	897397	165604	496	0	0	212699	0	6941	1283137	69.9	12.9	16.6	.6
42	6	3681314	52058	3471	0	0	227574	0	4958	3969375	92.7	1.3	5.7	.2
42	7	2557337	21319	496	0	0	91724	0	8429	2679305	95.4	.8	3.4	.3
42	8	140808	177000	0	1983	0	411426	0	3471	734688	19.2	24.1	56.0	.7
42	9	119040	6944	0	0	2976	102920	0	1488	233368	51.0	3.0	44.1	1.9
42	10	378791	177001	0	992	0	253352	0	2975	813111	46.6	21.8	31.2	.5
42	11	377952	8184	2728	0	2480	192150	0	3224	586716	64.4	1.4	32.7	1.4
42	12	501208	20088	248	0	1488	92752	0	4712	620496	80.8	3.2	14.9	1.0
42	13	1724096	25544	248	1984	0	87033	0	5208	1844116	93.5	1.4	4.7	.4
42	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
42	15	184512	12152	248	248	2232	39928	0	5208	244528	75.5	5.0	16.3	3.2
42	16	651992	25048	1240	0	248	130696	0	3720	812944	80.2	3.1	16.1	.6
42	17	407547	215177	0	0	5453	456631	0	8429	1093237	37.3	19.7	41.7	1.3

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
49	.49	22.2	18.6	684	312	22.4	17.3	10.8	71	106	19	24

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
49	1	10	295	1555	1820	15	25
49	2	10	280	1600	1920	15	20
49	3	10	270	1430	1776	15	25
49	4	10	290	1510	2020	10	25
49	5	10	290	1960	2020	10	25
49	6	105	275	1575	2000	25	35
49	7	50	255	1545	1960	15	20
49	8	40	250	1450	3920	10	20
49	9	50	250	1700	3790	15	20
49	10	40	250	1650	2090	10	45
49	11	270	250	1570	2125	8	20
49	12	155	280	1560	1915	8	20
49	13	225	270	1720	2185	8	30
49	14	190	280	1775	2195	8	20
49	15	130	275	1615	2130	8	20
49	16	10	285	1595	1920	8	20
49	17	10	305	1640	1970	8	20

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEC	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
49	1	23.9	43	.227	1054.88	595.63	2.9330	1.77	.0773	150.70	35.09	.4190
49	2	25.1	34	.277	677.70	375.18	1.5031	1.81	.1841	96.81	53.60	.2146
49	3	25.1	54	.293	608.04	329.98	1.0969	1.84	.2666	86.86	47.14	.1567
49	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	5	25.4	60	.410	513.08	279.58	.4496	1.64	.9112	73.30	39.94	.0642
49	6	24.4	39	.243	613.97	346.82	1.9093	1.77	.1274	87.71	49.55	.2728
49	7	24.8	34	.275	1235.19	654.12	2.3765	1.89	.1157	176.44	93.45	.3395
49	8	25.2	58	.102	183.56	99.51	.2454	1.84	.4157	26.22	14.22	.0351
49	9	25.1	61	.187	714.94	392.18	1.4527	1.82	.1290	102.13	56.03	.2075
49	10	25.0	61	.367	1106.35	663.40	.9790	1.67	.3749	158.05	94.77	.1399
49	11	24.2	39	.092	63.78	35.74	.2299	1.78	.4001	9.11	5.11	.0329
49	12	24.4	21	.028	27.75	18.16	.0455	1.53	.6231	3.96	2.60	.0065
49	13	24.8	58	.011	10.29	5.92	.0601	1.74	.1830	1.47	.85	.0085
49	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	15	25.5	61	.013	12.49	6.61	.0341	1.89	.3715	1.78	.95	.0049
49	16	24.2	40	.038	29.32	22.79	.1365	1.29	.2765	4.19	3.26	.0195
49	17	25.4	61	.023	22.81	12.44	.0715	1.83	.3148	3.26	1.78	.0102

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
49	1	1936099	45119	496	0	0	151715	0	8924	2142353	90.4	2.1	7.1	.4
49	2	1329736	213195	0	0	0	212203	0	4462	1759596	75.6	12.1	12.1	.3
49	3	825011	68413	0	0	0	423415	0	8924	1325763	62.2	5.2	31.9	.7
49	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
49	5	95194	44622	992	0	0	177001	0	0	317839	30.0	14.0	55.7	.3
49	6	2588075	69925	0	0	1984	273684	0	7437	2941105	88.0	2.4	9.3	.3
49	7	463077	16362	0	0	496	193364	0	8429	681726	67.9	2.4	28.4	1.3
49	8	578599	180442	496	0	2479	339622	0	3966	1105604	52.3	16.3	30.7	.6
49	9	540422	10412	496	0	1984	303926	0	6941	864161	62.5	1.2	35.2	1.1
49	10	230051	175513	0	992	2479	202286	0	3966	615287	37.4	28.5	32.9	1.2
49	11	938054	25781	1983	0	992	233027	0	7437	1207274	77.7	2.1	19.3	.9
49	12	719902	9421	992	0	992	329212	0	10412	1070931	67.2	.9	30.7	1.2
49	13	707506	40656	992	0	3470	143286	0	4462	900372	78.6	4.5	15.9	1.0
49	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
49	15	369370	12890	2479	0	13882	185925	496	2975	586017	62.8	2.2	31.6	3.4
49	16	131387	5454	0	0	0	100648	0	4462	241951	54.3	2.3	41.6	1.8
49	17	339127	3470	0	0	3471	149572	0	6941	462581	73.3	.8	23.7	2.3

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
55	.43	25.6	21.2	528	371	12.2	11.9	9.5	60	137	36	27

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
55	1	10	30	1670	1820	30	50
55	2	10	30	1670	1920	30	50
55	3	10	20	1680	1920	10	40
55	4	10	20	1660	1920	10	50
55	5	10	90	1610	2010	10	20
55	6	70	30	1570	1880	30	50
55	7	60	30	1570	2070	20	50
55	8	40	30	1670	1850	10	40
55	9	10	30	1870	2020	10	40
55	10	10	30	1770	2020	10	30
55	11	230	50	1650	2140	5	20
55	12	150	50	1650	1960	5	20
55	13	180	70	1530	1890	5	20
55	14	160	70	1930	4270	5	20
55	15	10	20	1760	1820	5	30
55	16	10	40	1560	1920	5	20
55	17	10	30	1870	2020	5	20

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
55	1	23.3	50	.088	25.57	15.29	.0699	1.67	1.2551	4.26	2.55	.0116
55	2	27.1	37	.072	34.81	19.50	.1552	1.79	.4618	5.80	3.25	.0259
55	3	26.5	36	.042	30.30	17.36	.1105	1.74	.3832	5.05	2.89	.0184
55	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	5	26.8	26	.263	316.89	186.09	1.8118	1.70	.1450	52.82	31.02	.3020
55	6	22.8	51	.075	40.95	26.25	.1040	1.56	.7247	6.83	4.38	.0174
55	7	25.9	38	.123	119.67	67.52	.2364	1.77	.5202	19.94	11.25	.0394
55	8	25.7	37	.082	47.38	25.67	.0666	1.85	1.2312	7.90	4.28	.0111
55	9	26.5	26	.062	27.57	15.94	.1170	1.73	.5329	4.60	2.66	.0195
55	10	26.2	36	.335	336.74	200.12	1.9256	1.68	.1741	56.12	33.36	.3210
55	11	26.2	51	.007	4.00	2.45	.0373	1.63	.1766	.67	.41	.0062
55	12	25.8	38	.007	4.65	3.17	.0211	1.47	.3476	.78	.53	.0035
55	13	26.1	43	.011	6.18	3.65	.0303	1.69	.3630	1.03	.61	.0050
55	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	15	27.7	32	.002	1.45	.85	999.0000	1.70	999.0000	.24	.14	999.0000
55	16	26.6	37	.015	8.02	4.46	.0227	1.80	.6378	1.33	.74	.0038
55	17	26.5	31	.016	10.38	5.64	.0341	1.84	.4545	1.73	.94	.0057

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
55	1	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	2	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	3	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	5	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	6	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	7	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	8	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	9	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	10	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	11	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	12	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	13	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	15	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	16	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
55	17	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0

WEEK	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CONCNC	CONCPA	CONCPB)-UG/L
62	.38	999.0	999.0	572	335	5.7	6.9	10.0	140	121	75	47

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
62	1	10	40	2360	2820	49	999
62	2	10	40	2360	2420	57	150
62	3	10	50	1950	2320	49	140
62	4	10	40	1860	2420	29	110
62	5	10	50	2050	2420	11	80
62	6	90	40	2060	2700	26	90
62	7	170	60	2240	2480	36	120
62	8	70	40	2060	2430	32	90
62	9	20	60	1920	2430	18	70
62	10	10	40	1860	2320	10	40
62	11	999	60	2440	3050	5	20
62	12	170	80	2320	2680	5	20
62	13	150	200	2100	2760	5	999
62	14	330	150	2050	2730	5	20
62	15	230	170	2130	2740	5	30
62	16	10	60	2040	2420	5	20
62	17	10	70	1930	2520	5	50

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
62	1	28.6	54	.018	10.00	8.27	.0536	1.21	.3360	1.43	1.18	.0077
62	2	28.8	50	.049	35.56	20.24	.1162	1.76	.4219	5.08	2.89	.0166
62	3	28.1	44	.009	5.77	3.50	.0333	1.65	.2603	.82	.50	.0047
62	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	5	29.4	35	.186	179.28	109.12	.4712	1.64	.3940	25.62	15.59	.0673
62	6	28.6	54	.366	612.38	377.40	1.0156	1.62	.3606	87.48	53.87	.1451
62	7	29.2	55	.618	754.60	466.86	1.2675	1.62	.4876	107.80	66.69	.1811
62	8	28.4	35	.273	420.89	260.05	.9626	1.62	.2835	60.13	37.15	.1376
62	9	28.4	45	.308	301.23	181.01	.8044	1.66	.3833	43.03	25.86	.1149
62	10	28.0	40	.278	252.32	150.16	.6094	1.68	.4568	36.05	21.45	.0871
62	11	29.3	53	.001	3.50	2.42	.0119	1.45	.1124	.50	.34	.0017
62	12	30.2	51	.006	2.45	1.57	.0162	1.56	.3498	.35	.22	.0023
62	13	28.8	42	.008	4.54	2.92	.0495	1.55	.1548	.65	.42	.0071
62	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	15	26.4	40	.001	2.15	1.77	.0065	1.22	.1550	.31	.25	.0010
62	16	29.2	50	.051	14.12	8.59	.0736	1.64	.6858	2.02	1.23	.0105
62	17	28.7	46	.098	31.61	17.91	.2199	1.76	.4434	4.52	2.56	.0314

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
62	1	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	2	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	3	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	5	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	6	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	7	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	8	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	9	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	10	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	11	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	12	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	13	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	15	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	16	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
62	17	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0

WEEK	DEPTH,M	HITEMP,C	LCTEMP,C	SPCOND	LANGLEYS	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNB	CCNCNC	CONCPA	CONCPB)-UG/L
68	.50	30.4	26.7	532	314	12.5	13.1	15.8	91	75	28	31

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
68	1	20	23	975	1570	71	235
68	2	10	30	1170	1420	60	100
68	3	10	35	1315	1660	39	75
68	4	10	35	1365	1520	34	60
68	5	10	50	1650	1770	34	60
68	6	105	50	1650	1615	47	60
68	7	55	30	1370	1715	40	55
68	8	35	35	1415	1700	33	65
68	9	10	35	1315	1570	20	50
68	10	10	45	1365	1570	24	50
68	11	205	25	1425	1645	7	50
68	12	125	30	1370	1625	7	27
68	13	110	45	1555	1965	7	27
68	14	95	40	1460	1650	7	27
68	15	85	35	1415	1790	8	27
68	16	10	25	1325	1520	7	27
68	17	10	25	1375	1510	7	27

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
68	1	28.1	49	.303	169.46	96.90	.1917	1.66	1.5804	28.25	16.15	.0320
68	2	28.0	30	.018	16.44	12.32	.0065	1.28	2.7320	2.74	2.14	.0011
68	3	28.4	22	.002	2.84	2.33	.0306	1.22	.0757	.48	.39	.0051
68	4	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	5	28.0	32	.266	276.65	159.91	1.6372	1.73	.1623	46.14	26.65	.2729
68	6	28.0	37	.243	238.29	136.93	.2665	1.74	.9107	39.72	22.82	.0444
68	7	28.0	30	.265	357.78	202.72	.4916	1.76	.5384	59.63	33.79	.0819
68	8	28.4	18	.363	511.91	298.26	.7272	1.72	.4992	85.32	49.71	.1212
68	9	28.4	27	.651	868.31	490.39	3.2255	1.77	.2019	144.72	81.73	.5376
68	10	28.0	32	.543	661.56	377.93	2.1368	1.75	.2540	110.26	62.99	.3561
68	11	27.9	32	.020	13.66	9.88	.0314	1.38	.6452	2.28	1.65	.0052
68	12	28.1	15	.007	9.17	6.75	999.0000	1.36	999.0000	1.53	1.12	999.0000
68	13	28.6	18	.024	8.91	5.76	.0292	1.55	.8105	1.48	.96	.0049
68	14	999.0	999	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	15	28.2	32	.006	4.02	3.11	999.0000	1.30	999.0000	.67	.52	999.0000
68	16	28.4	37	.014	16.89	9.93	.0325	1.70	.4308	2.81	1.65	.0054
68	17	28.2	27	.017	18.06	11.13	.0682	1.62	.2418	3.01	1.86	.0113

WEEK	SITE	1000	2000	3000	4000	5000	6000	7000	8000	TOTAL	%-BLGRN	%-GREEN	%-DIATOMS	%-OTHER
68	1	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	2	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	3	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	4	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	5	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	6	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	7	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	8	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	9	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	10	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	11	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	12	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	13	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	14	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	15	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	16	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0
68	17	999	999	999	999	999	999	999	999	999	999.0	999.0	999.0	999.0

PRIMARY DAILY DATA FILE. PAGE 1

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
83100	.549	26.70	23.20	450	999.00	5.182	5.182	5.182	999.00	999.00	999.00
83101	.552	24.30	20.70	455	999.00	5.486	5.486	5.486	999.00	999.00	999.00
83102	.546	24.80	21.30	452	999.00	5.486	5.486	5.486	999.00	999.00	999.00
83103	.539	24.60	21.70	457	999.00	5.486	5.486	5.486	999.00	999.00	999.00
83104	.533	24.80	21.80	459	999.00	5.486	5.486	5.486	999.00	5.90	999.00
83105	.536	24.10	22.60	460	999.00	5.486	5.486	5.486	999.00	11.60	999.00
83106	.543	23.70	21.70	458	999.00	5.791	5.791	5.791	999.00	11.60	999.00
83107	.539	22.70	19.00	454	999.00	5.791	5.791	5.791	999.00	11.60	999.00
83108	.533	22.30	16.70	450	999.00	5.791	5.791	5.791	999.00	12.00	999.00
83109	.530	20.80	19.10	999	999.00	5.791	5.791	5.791	999.00	12.10	999.00
83110	.527	22.60	18.90	999	999.00	5.791	5.791	5.791	999.00	11.30	999.00
83111	.521	999.00	999.00	999	999.00	5.486	5.486	5.486	999.00	10.60	999.00
83112	.515	999.00	999.00	999	999.00	5.486	5.486	5.486	999.00	10.60	999.00
83113	.509	999.00	999.00	999	999.00	5.486	5.486	5.486	999.00	10.60	999.00
83114	.506	999.00	999.00	999	999.00	5.182	5.182	5.182	999.00	10.60	999.00
83115	.503	999.00	999.00	999	999.00	5.182	5.182	5.182	999.00	10.60	999.00
83116	.497	999.00	999.00	460	999.00	5.182	5.182	5.182	999.00	10.50	999.00
83117	.491	999.00	999.00	455	999.00	4.877	4.877	4.877	999.00	2.00	999.00
83118	.485	999.00	999.00	452	999.00	4.877	4.877	4.877	999.00	.00	999.00
83119	.482	999.00	999.00	456	999.00	4.877	4.877	4.877	999.00	.00	999.00
83120	.479	999.00	999.00	450	999.00	4.572	4.572	4.572	999.00	.00	999.00
83121	.472	999.00	999.00	457	999.00	4.267	4.267	4.267	999.00	999.00	999.00
83122	.469	999.00	999.00	452	999.00	4.267	4.267	4.267	999.00	5.60	999.00
83123	.463	999.00	999.00	448	999.00	4.267	4.267	4.267	999.00	11.10	999.00
83124	.460	28.00	24.90	452	999.00	4.267	4.267	4.267	999.00	11.70	999.00
83125	.457	27.50	24.60	458	999.00	4.267	4.267	4.267	999.00	12.30	999.00
83126	.443	27.20	23.90	460	999.00	4.267	4.267	4.267	999.00	12.30	999.00
83127	.445	27.00	23.20	460	999.00	3.962	3.962	3.962	999.00	12.30	999.00
83128	.439	26.80	24.00	460	999.00	3.962	3.962	3.962	999.00	12.30	999.00
83129	.433	27.20	24.00	454	999.00	3.962	3.962	3.962	999.00	12.30	999.00
83130	.427	27.60	24.60	452	999.00	3.962	3.962	3.962	999.00	6.70	999.00
83131	.421	26.90	24.20	457	999.00	3.962	3.962	3.962	999.00	6.30	999.00
83132	.415	26.40	23.30	460	999.00	3.658	3.658	3.658	999.00	6.30	999.00
83133	.408	26.50	23.40	460	999.00	3.658	3.658	3.658	999.00	6.30	999.00
83134	.402	26.60	23.10	462	999.00	3.658	3.658	3.658	999.00	6.30	999.00
83135	.396	27.30	24.00	460	999.00	3.658	3.658	3.658	999.00	6.30	999.00
83136	.390	28.50	24.90	455	999.00	3.658	3.658	3.658	999.00	6.30	999.00
83137	.387	29.30	26.20	453	999.00	3.658	3.658	3.658	999.00	9.40	999.00
83138	.381	29.30	26.70	455	999.00	3.353	3.353	3.353	999.00	11.60	999.00
83139	.375	27.60	25.70	462	999.00	3.353	3.353	3.353	999.00	10.60	999.00
83140	.369	28.50	25.00	465	999.00	3.353	3.353	3.353	999.00	10.20	999.00
83141	.366	28.10	25.10	475	999.00	3.353	3.353	3.353	999.00	9.80	999.00
83142	.360	29.00	25.60	473	999.00	3.353	3.353	3.353	999.00	9.40	999.00
83143	.357	28.00	25.10	462	999.00	3.353	3.353	3.353	999.00	9.40	999.00
83144	.351	27.80	25.50	460	999.00	3.353	3.353	3.353	999.00	10.00	999.00
83145	.347	28.90	26.20	465	999.00	3.353	3.353	3.353	999.00	10.30	999.00
83146	.341	29.80	26.00	475	343.54	3.353	3.353	3.353	999.00	9.70	999.00
83147	.335	29.60	27.20	460	468.47	3.353	3.353	3.353	999.00	9.20	999.00
83148	.329	28.50	25.10	480	374.17	3.353	3.353	3.353	999.00	9.20	999.00
83149	.341	27.60	25.00	460	329.13	3.658	3.658	3.658	999.00	9.20	999.00
83150	.372	27.70	25.60	470	348.35	3.658	3.658	3.658	999.00	9.20	999.00
83151	.375	27.90	25.80	450	365.16	3.658	3.658	3.658	999.00	9.20	999.00
83152	.405	27.90	25.20	430	404.80	3.658	3.658	3.658	999.00	9.00	999.00
83153	.396	28.40	27.70	410	401.20	3.658	3.658	3.658	999.00	8.90	999.00
83154	.393	29.50	26.90	400	267.09	3.658	3.658	3.658	999.00	8.90	999.00
83155	.390	28.70	26.70	400	295.50	3.658	3.658	3.658	999.00	8.90	999.00
83156	.421	28.30	26.10	415	424.02	3.658	3.658	3.658	999.00	8.90	999.00
83157	.427	28.50	26.00	410	430.03	3.658	3.658	3.658	999.00	8.90	999.00

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
83158	.421	29.20	26.00	410	466.07	3.658	3.656	3.658	999.00	8.50	999.00
83159	.430	30.90	27.00	450	111.71	3.656	3.658	3.656	999.00	8.30	999.00
83160	.460	27.90	27.60	460	264.26	3.962	3.962	3.962	999.00	8.30	999.00
83161	.500	27.50	25.10	435	324.32	3.962	3.962	3.962	999.00	8.30	999.00
83162	.512	28.10	26.20	400	356.76	3.962	3.962	3.962	999.00	8.30	999.00
83163	.536	28.80	25.80	375	321.92	3.962	3.962	3.962	999.00	8.30	999.00
83164	.530	29.90	26.80	360	227.03	3.962	3.962	3.962	999.00	8.30	999.00
83165	.518	27.00	26.00	355	999.00	3.962	3.962	3.962	999.00	9.40	999.00
83166	.503	28.80	25.20	999	481.68	3.962	3.962	3.962	999.00	10.20	999.00
83167	.491	30.20	25.70	999	999.00	3.962	3.962	3.962	999.00	10.40	999.00
83168	.482	30.80	27.00	999	999.00	3.962	3.962	3.962	999.00	10.40	999.00
83169	.472	30.70	27.70	999	999.00	3.962	3.962	3.962	999.00	10.40	999.00
83170	.466	30.00	27.20	999	999.00	3.658	3.658	3.658	999.00	10.40	999.00
83171	.485	29.90	27.50	999	999.00	3.658	3.658	3.658	999.00	10.40	999.00
83172	.500	28.00	27.10	405	999.00	3.658	3.658	3.658	999.00	9.90	999.00
83173	.494	28.00	25.70	405	999.00	3.658	3.658	3.658	999.00	9.70	999.00
83174	.491	29.10	27.40	410	999.00	3.658	3.658	3.658	999.00	9.70	999.00
83175	.488	29.90	27.80	410	999.00	3.658	3.658	3.658	999.00	9.70	999.00
83176	.485	30.20	27.50	410	999.00	3.353	3.353	3.353	999.00	9.70	999.00
83177	.465	30.30	27.90	410	999.00	3.353	3.353	3.353	999.00	9.70	999.00
83178	.479	29.80	27.50	400	999.00	3.353	3.353	3.353	999.00	9.70	999.00
83179	.472	30.60	28.00	405	413.21	3.353	3.353	3.353	999.00	10.30	999.00
83180	.469	31.00	28.20	430	393.99	3.353	3.353	3.353	999.00	10.60	999.00
83181	.466	30.90	29.00	450	319.52	3.353	3.353	3.353	999.00	11.50	999.00
83182	.472	29.90	28.40	405	261.86	3.353	3.353	3.353	999.00	11.00	999.00
83183	.488	29.10	28.00	370	325.53	3.353	3.353	3.353	999.00	10.50	999.00
83184	.485	29.00	27.10	999	520.12	3.353	3.353	3.353	999.00	10.50	999.00
83185	.475	31.00	27.60	999	479.26	3.353	3.353	3.353	999.00	10.50	999.00
83186	.463	31.30	26.60	358	367.57	3.353	3.353	3.353	999.00	9.70	999.00
83187	.454	999.00	999.00	358	437.24	3.353	3.353	3.353	999.00	9.30	999.00
83188	.448	999.00	999.00	360	357.96	3.353	3.353	3.353	999.00	9.30	999.00
83189	.460	999.00	999.00	345	239.64	3.353	3.353	3.353	999.00	9.30	999.00
83190	.488	999.00	999.00	330	443.24	3.353	3.353	3.353	999.00	9.30	999.00
83191	.472	999.00	999.00	330	380.76	3.353	3.353	3.353	999.00	9.30	999.00
83192	.463	999.00	999.00	326	438.44	3.353	3.353	3.353	999.00	9.50	999.00
83193	.454	999.00	999.00	322	431.23	3.353	3.353	3.353	999.00	9.70	999.00
83194	.443	999.00	999.00	328	999.00	3.353	3.353	3.353	999.00	9.30	999.00
83195	.442	999.00	999.00	326	348.35	3.353	3.353	3.353	999.00	9.30	999.00
83196	.439	999.00	999.00	334	397.60	3.353	3.353	3.353	999.00	9.00	999.00
83197	.436	999.00	999.00	999	257.06	3.353	3.353	3.353	999.00	9.60	999.00
83198	.433	999.00	999.00	999	486.49	3.658	3.658	3.658	999.00	9.00	999.00
83199	.427	999.00	999.00	999	379.58	3.658	3.658	3.658	999.00	9.40	999.00
83200	.424	999.00	999.00	999	414.41	3.658	3.658	3.658	999.00	8.60	999.00
83201	.427	999.00	999.00	364	318.32	3.658	3.658	3.658	999.00	8.60	999.00
83202	.433	999.00	999.00	364	444.44	3.658	3.658	3.658	999.00	8.20	999.00
83203	.433	999.00	999.00	364	338.74	3.658	3.658	3.658	999.00	8.30	999.00
83204	.430	999.00	999.00	364	466.07	3.962	3.962	3.962	999.00	8.30	999.00
83205	.427	999.00	999.00	370	433.63	3.962	3.962	3.962	999.00	8.30	999.00
83206	.421	999.00	999.00	376	307.51	3.962	3.962	3.962	999.00	8.70	999.00
83207	.415	999.00	999.00	378	420.42	3.962	3.962	3.962	999.00	8.90	999.00
83208	.415	999.00	999.00	390	270.27	3.962	3.962	3.962	999.00	8.90	999.00
83209	.421	999.00	999.00	999	254.65	3.962	3.962	3.962	999.00	9.60	999.00
83210	.421	999.00	999.00	999	209.01	3.962	3.962	3.962	999.00	10.10	999.00
83211	.424	999.00	999.00	999	317.12	3.962	3.962	3.962	999.00	10.10	999.00
83212	.418	999.00	999.00	999	412.01	3.962	3.962	3.962	999.00	10.10	999.00
83213	.421	999.00	999.00	418	230.63	3.658	3.658	3.658	999.00	9.30	999.00
83214	.418	999.00	999.00	999	320.72	3.658	3.658	3.658	999.00	8.90	999.00
83215	.424	999.00	999.00	999	176.58	3.658	3.658	3.658	999.00	8.80	999.00

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
83216	.439	999.00	999.00	999	276.28	3.658	3.658	3.658	999.00	8.60	999.00
83217	.454	999.00	999.00	999	176.58	3.658	3.658	3.658	999.00	8.60	999.00
83218	.463	999.00	999.00	999	300.30	3.658	3.658	3.658	999.00	8.60	999.00
83219	.466	999.00	999.00	999	233.03	3.658	3.658	3.658	999.00	8.60	999.00
83220	.491	999.00	999.00	999	332.73	5.182	5.182	3.658	999.00	9.40	999.00
83221	.509	999.00	999.00	999	154.95	5.182	5.182	3.658	999.00	9.70	999.00
83222	.506	999.00	999.00	999	324.32	5.182	5.182	3.658	999.00	9.20	999.00
83223	.506	999.00	999.00	999	318.32	5.182	5.182	3.658	999.00	8.80	999.00
83224	.509	999.00	999.00	999	309.91	5.182	5.182	3.658	999.00	8.80	999.00
83225	.506	999.00	999.00	999	443.24	4.877	4.877	3.658	999.00	8.80	999.00
83226	.503	999.00	999.00	999	392.79	4.877	4.877	3.658	999.00	8.80	999.00
83227	.509	999.00	999.00	480	999.00	4.877	4.877	3.658	999.00	9.00	999.00
83228	.512	999.00	999.00	475	260.66	4.877	4.877	3.962	999.00	9.00	999.00
83229	.512	999.00	999.00	480	246.25	4.877	4.877	3.962	999.00	9.00	999.00
83230	.521	999.00	999.00	490	269.49	4.572	4.572	3.962	999.00	9.00	999.00
83231	.521	999.00	999.00	490	317.12	4.572	4.572	3.962	999.00	9.00	999.00
83232	.515	999.00	999.00	490	509.31	4.572	4.572	3.962	999.00	9.00	999.00
83233	.509	999.00	999.00	495	372.37	4.572	4.572	3.962	999.00	9.00	999.00
83234	.503	999.00	999.00	500	365.16	4.572	4.572	3.962	999.00	9.00	999.00
83235	.497	999.00	999.00	500	169.37	4.267	4.267	3.962	999.00	9.00	999.00
83236	.503	999.00	999.00	510	242.34	4.267	4.267	3.962	999.00	9.00	999.00
83237	.521	999.00	999.00	505	267.87	4.267	4.267	3.962	999.00	9.00	999.00
83238	.512	999.00	999.00	502	229.43	4.267	4.267	3.962	999.00	9.00	999.00
83239	.506	999.00	999.00	502	329.13	4.267	4.267	3.962	999.00	9.00	999.00
83240	.497	999.00	999.00	500	343.54	3.962	3.962	3.962	999.00	9.00	999.00
83241	.509	999.00	999.00	999	240.24	3.962	3.962	3.962	999.00	9.00	999.00
83242	.515	999.00	999.00	999	170.57	3.962	3.962	4.267	999.00	9.60	999.00
83243	.521	999.00	999.00	999	138.14	3.962	3.962	4.267	999.00	10.30	999.00
83244	.530	27.10	27.00	460	97.30	3.962	3.962	4.267	999.00	10.10	999.00
83245	.549	26.20	26.10	999	201.86	4.267	4.267	4.267	999.00	9.90	999.00
83246	.588	26.50	26.10	999	275.07	4.267	4.267	4.267	999.00	9.90	999.00
83247	.585	27.00	26.70	999	288.29	4.267	4.267	4.267	999.00	10.00	999.00
83248	.555	27.00	27.00	999	365.55	4.267	4.267	4.267	999.00	10.00	999.00
83249	.585	27.40	27.00	420	199.40	5.791	4.267	4.267	999.00	9.20	999.00
83250	.591	27.60	27.40	438	268.29	5.182	5.486	4.877	999.00	8.70	999.00
83251	.585	27.80	27.60	440	213.81	5.182	5.486	4.877	999.00	8.70	999.00
83252	.579	27.30	27.90	999	311.11	5.486	5.791	4.877	999.00	8.70	999.00
83253	.573	27.60	27.80	999	213.61	5.486	5.791	4.877	999.00	8.70	999.00
83254	.564	27.90	27.60	465	283.48	5.486	6.096	4.877	999.00	8.70	999.00
83255	.561	27.80	27.80	475	242.64	5.791	6.096	4.877	999.00	8.70	999.00
83256	.567	27.80	27.30	485	216.22	5.791	6.401	4.877	999.00	8.40	999.00
83257	.582	27.70	27.60	480	335.13	5.791	6.401	4.877	999.00	8.20	999.00
83258	.591	27.50	27.50	480	223.42	5.791	6.706	4.877	999.00	8.20	999.00
83259	.591	27.30	27.10	460	205.41	5.791	6.706	5.182	999.00	9.20	999.00
83260	.582	27.20	27.10	478	389.19	5.791	6.706	5.182	999.00	9.90	999.00
83261	.573	27.10	27.00	475	184.98	6.096	6.706	5.182	999.00	9.90	999.00
83262	.573	27.10	27.00	473	999.00	6.096	7.010	5.182	999.00	9.90	999.00
83263	.570	27.00	27.00	473	270.27	6.096	7.010	5.182	999.00	9.90	999.00
83264	.564	27.00	27.00	477	177.78	6.096	7.010	5.486	999.00	9.80	999.00
83265	.561	27.00	27.00	470	230.63	6.096	7.315	5.486	999.00	9.80	999.00
83266	.573	27.00	27.00	475	279.88	6.096	7.315	5.486	999.00	9.80	999.00
83267	.576	27.00	26.80	475	222.22	6.096	7.315	5.486	999.00	9.80	999.00
83268	.570	26.20	26.00	472	367.57	6.096	7.315	5.486	999.00	9.80	999.00
83269	.561	26.00	25.90	470	329.13	6.401	7.315	5.486	999.00	9.80	999.00
83270	.555	26.00	26.00	530	246.25	6.401	7.620	5.791	999.00	7.90	2.60
83271	.552	26.00	25.90	535	182.58	6.401	7.620	5.791	999.00	6.60	5.60
83272	.555	26.00	25.80	550	337.54	6.401	7.620	5.791	6.20	6.60	6.00
83273	.552	25.80	25.80	565	245.04	6.401	7.620	5.791	6.20	6.60	6.50

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
83274	.549	25.90	25.80	565	229.43	6.401	7.620	6.396	6.20	6.60	6.50
83275	.546	25.80	25.80	565	266.61	6.401	7.620	6.401	6.20	6.60	6.50
83276	.555	25.80	25.80	560	245.04	6.401	7.620	6.401	6.20	6.60	6.50
83277	.552	25.80	25.80	560	235.44	6.401	7.620	6.401	6.50	13.60	10.30
83278	.552	25.90	25.80	570	178.96	6.401	7.620	6.401	10.10	18.60	13.00
83279	.549	26.00	25.90	570	199.40	6.706	7.315	6.706	10.10	18.60	13.00
83280	.546	26.00	26.00	570	270.27	6.706	7.315	6.706	10.10	10.60	13.00
83281	.543	26.00	26.00	570	275.07	6.706	7.315	6.706	10.10	6.20	13.00
83282	.539	26.10	26.00	570	215.01	7.010	7.315	7.010	10.00	6.20	11.00
83283	.543	26.10	26.10	565	172.97	7.010	7.010	7.010	9.90	6.20	9.20
83284	.546	26.00	26.00	565	999.00	7.010	7.010	7.010	9.90	6.20	9.20
83285	.543	26.00	26.00	555	183.78	7.010	7.010	7.010	9.60	8.70	8.50
83286	.543	26.00	26.00	553	171.77	7.010	7.010	7.010	9.40	10.50	8.00
83287	.543	26.00	25.90	550	236.64	7.010	7.010	7.010	9.70	9.30	8.90
83288	.543	26.00	25.90	545	289.49	7.010	7.010	7.010	10.00	8.40	9.50
83289	.543	26.00	25.90	530	164.56	7.315	7.010	7.010	10.00	8.40	9.50
83290	.573	26.00	26.00	520	194.59	7.315	7.315	7.010	10.00	8.40	9.50
83291	.576	26.00	26.00	515	67.27	7.315	7.315	7.010	10.20	8.40	9.60
83292	.585	26.00	25.80	515	207.61	7.315	7.315	7.010	10.30	8.50	9.60
83293	.585	25.90	25.80	515	259.46	7.315	7.315	7.010	10.30	8.50	9.60
83294	.552	999.00	999.00	520	207.61	7.315	7.315	7.010	10.30	8.50	9.60
83295	.552	999.00	999.00	520	184.98	7.315	7.315	6.706	10.30	8.50	9.60
83296	.552	999.00	999.00	520	291.89	7.315	7.315	6.706	10.30	8.50	9.60
83297	.579	999.00	999.00	520	183.78	7.620	7.315	6.706	10.30	8.50	9.60
83298	.582	999.00	999.00	520	183.78	7.620	7.315	6.706	9.40	6.00	8.70
83299	.582	999.00	999.00	535	129.73	7.620	7.315	6.706	8.70	7.70	8.00
83300	.579	999.00	999.00	550	279.58	7.620	7.620	6.706	8.70	7.70	8.00
83301	.573	999.00	999.00	550	237.84	7.620	7.620	6.706	9.60	8.30	8.00
83302	.567	999.00	999.00	555	218.62	7.620	7.620	6.706	10.50	8.70	9.80
83303	.567	999.00	999.00	560	218.62	7.925	7.620	6.706	10.50	8.70	9.80
83304	.564	999.00	999.00	565	225.63	7.925	7.620	6.706	10.50	8.70	9.80
83305	.570	999.00	999.00	545	999.00	7.925	7.620	6.706	10.40	8.80	15.90
83306	.570	999.00	999.00	545	171.77	7.925	7.620	6.706	10.30	8.80	20.30
83307	.570	999.00	999.00	545	999.00	7.925	7.620	6.706	10.30	8.00	15.00
83308	.567	999.00	999.00	545	305.10	7.925	7.620	6.706	10.30	6.90	9.10
83309	.564	999.00	999.00	545	312.31	8.230	7.620	6.706	.00	6.90	9.10
83310	.564	999.00	999.00	545	337.54	8.230	7.925	6.706	.00	6.90	9.10
83311	.567	999.00	999.00	545	209.01	8.230	7.925	6.706	.00	6.90	9.10
83312	.582	999.00	999.00	540	144.14	8.230	7.925	6.706	.00	6.90	9.10
83313	.582	999.00	999.00	540	237.64	8.230	7.925	6.706	.00	6.90	9.10
83314	.582	999.00	999.00	525	237.64	8.230	7.925	6.706	5.70	6.80	6.40
83315	.582	999.00	999.00	520	212.61	8.230	7.925	6.706	9.70	6.70	8.00
83316	.579	999.00	999.00	520	235.44	8.534	7.925	6.706	9.70	6.70	6.00
83317	.579	999.00	999.00	525	251.65	8.534	7.925	6.706	9.70	6.70	8.00
83318	.576	999.00	999.00	525	348.35	8.534	7.925	6.706	9.70	6.70	8.00
83319	.576	999.00	999.00	520	169.37	8.534	7.925	6.706	6.10	6.70	6.00
83320	.579	999.00	999.00	520	245.64	8.534	8.230	6.706	6.80	6.70	6.00
83321	.579	999.00	999.00	535	359.16	8.534	8.230	6.706	6.60	6.70	8.00
83322	.576	999.00	999.00	548	289.49	8.534	8.230	6.706	6.80	6.70	8.00
83323	.573	999.00	999.00	550	295.50	8.839	8.230	6.706	6.60	6.70	8.00
83324	.579	999.00	999.00	553	223.42	8.839	8.230	6.706	6.80	6.70	8.00
83325	.579	999.00	999.00	560	303.90	8.839	8.230	6.706	6.80	6.70	8.00
83326	.579	999.00	999.00	590	289.49	8.839	8.230	6.706	6.50	7.30	7.40
83327	.579	999.00	999.00	595	172.97	8.839	8.230	6.706	6.30	7.70	7.00
83328	.573	999.00	999.00	597	263.66	8.839	8.230	6.706	6.30	7.70	7.00
83329	.573	999.00	999.00	599	269.07	8.839	8.534	6.401	6.30	7.70	7.00
83330	.570	999.00	999.00	599	281.06	9.144	8.534	6.401	6.30	7.70	7.00
83331	.570	999.00	999.00	595	302.76	9.144	8.534	6.401	6.30	7.70	7.00

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
83332	.567	999.00	999.00	565	237.84	9.144	8.534	6.401	6.30	7.70	7.00
83333	.561	999.00	999.00	560	157.36	9.144	8.534	6.401	7.40	8.30	6.80
83334	.561	999.00	999.00	560	197.06	9.144	8.534	6.401	8.30	8.80	6.70
83335	.561	999.00	999.00	565	213.81	8.839	8.534	6.401	8.30	6.60	6.70
83336	.558	999.00	999.00	565	263.06	8.839	8.534	6.401	6.40	6.80	8.10
83337	.558	23.40	22.10	570	270.27	9.144	8.534	6.401	4.60	4.90	9.50
83338	.555	23.70	22.50	570	271.47	9.144	8.534	6.401	4.60	4.90	9.50
83339	.555	23.90	22.80	580	260.66	9.144	8.534	6.401	4.60	4.90	9.50
83340	.552	23.40	22.50	580	999.00	9.144	8.839	6.401	4.60	4.90	9.50
83341	.549	22.60	22.00	999	999.00	9.144	8.839	6.401	4.60	4.90	9.50
83342	.546	20.20	19.30	640	213.61	9.449	8.839	6.401	6.50	7.50	10.10
83343	.546	20.00	19.10	642	181.38	9.449	8.839	6.401	7.80	9.40	10.60
83344	.549	20.50	19.50	650	218.62	9.449	8.839	6.401	7.80	9.40	10.00
83345	.558	21.10	19.80	650	271.47	9.449	8.839	6.401	7.60	9.40	10.60
83346	.561	21.20	20.40	645	284.68	9.449	8.839	6.401	7.60	9.40	10.60
83347	.558	20.00	19.10	645	999.00	9.754	8.839	6.401	8.80	9.50	9.70
83348	.555	20.00	19.00	646	999.00	9.754	8.839	6.401	9.50	9.50	9.00
83349	.561	20.40	19.60	650	999.00	9.754	9.144	6.401	9.50	10.30	6.30
83350	.561	20.00	19.40	605	192.19	9.754	9.144	6.401	.00	11.00	4.40
83351	.607	21.00	19.90	999	206.61	9.754	9.144	6.401	.00	11.00	4.40
83352	.610	22.00	20.50	999	221.02	10.058	9.144	6.401	.00	11.00	4.40
83353	.604	22.10	20.80	999	249.85	10.058	9.144	6.401	.00	11.00	4.40
83354	.600	22.80	21.50	999	192.19	10.058	9.144	6.401	7.80	10.80	5.30
83355	.597	22.80	21.50	560	193.39	10.058	9.144	6.401	13.30	10.70	6.00
83356	.594	23.00	21.60	560	248.65	10.363	9.144	6.401	13.30	10.70	6.00
83357	.591	23.80	22.10	580	276.27	10.363	9.144	6.096	13.80	11.50	6.10
83358	.565	22.90	22.50	610	172.97	10.973	9.144	6.096	14.10	12.10	6.10
83359	.579	16.80	16.10	615	999.00	10.973	8.839	5.791	14.10	12.10	6.10
83360	.573	12.60	11.40	625	999.00	10.973	8.839	5.791	14.10	12.10	6.10
83361	.567	13.20	11.10	650	999.00	10.973	8.839	5.791	10.20	9.90	7.20
83362	.567	16.80	13.20	660	999.00	10.973	8.839	5.791	5.60	7.30	6.40
83363	.573	19.20	16.70	660	999.00	10.973	8.839	5.486	5.60	7.30	8.40
83364	.600	15.00	18.50	675	37.24	10.973	9.144	5.486	6.30	6.20	12.20
83365	.610	13.00	12.00	680	78.08	10.973	9.144	5.486	10.20	8.60	15.00
84001	.607	13.20	11.00	620	350.75	10.973	9.144	5.182	10.20	8.80	15.00
84002	.604	14.30	12.40	610	263.06	10.973	9.144	5.182	10.20	8.00	15.00
84003	.600	15.50	13.90	610	206.61	10.973	9.144	4.877	10.00	8.40	11.60
84004	.597	15.10	13.80	615	294.29	10.973	9.449	4.877	9.90	8.20	9.20
84005	.594	14.90	13.30	615	309.71	10.973	9.449	4.572	9.90	8.20	9.20
84006	.588	15.20	13.70	625	289.49	10.973	9.449	4.572	9.70	8.60	9.30
84007	.585	16.00	14.00	625	306.31	10.973	9.449	4.572	9.60	8.80	9.30
84008	.585	16.00	14.20	620	293.09	10.973	9.449	4.572	9.60	8.80	9.30
84009	.582	17.20	15.10	620	277.46	10.973	9.144	4.572	9.60	8.80	9.30
84010	.579	18.10	16.80	620	195.60	10.973	9.144	4.572	9.40	9.10	9.70
84011	.576	18.90	17.70	625	225.83	10.973	9.144	4.572	9.30	9.30	10.00
84012	.570	16.30	15.10	625	252.25	10.973	9.144	4.572	9.30	9.30	10.00
84013	.567	17.20	15.20	630	279.88	10.973	9.144	4.572	12.10	9.10	10.00
84014	.564	17.60	16.00	640	206.61	10.973	8.839	4.572	14.00	9.00	10.00
84015	.564	17.20	16.80	640	151.35	10.973	8.839	4.572	14.00	9.00	10.00
84016	.561	18.80	16.80	640	253.45	10.973	8.839	4.572	14.00	9.00	10.00
84017	.564	20.00	18.00	655	999.00	10.973	8.839	4.572	10.90	6.90	10.20
84018	.558	21.10	19.10	660	297.96	10.973	8.839	4.572	8.70	5.30	10.30
84019	.558	21.40	20.10	665	212.61	10.973	8.534	4.572	8.70	5.30	10.30
84020	.555	21.00	19.50	660	293.09	10.973	8.534	4.572	9.70	6.70	10.20
84021	.552	19.50	15.40	680	99.70	10.973	8.534	4.572	10.50	7.80	10.20
84022	.549	22.00	14.80	660	259.46	10.973	8.534	4.572	10.50	7.80	10.20
84023	.546	19.30	17.00	675	289.49	10.973	8.534	4.572	10.50	7.80	10.20
84024	.546	999.00	999.00	680	999.00	10.973	8.230	4.572	11.10	9.60	11.30

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
84025	.546	999.00	999.00	690	245.64	10.973	8.230	4.572	11.50	11.00	12.00
84026	.543	999.00	999.00	700	999.00	10.973	8.230	4.572	11.10	10.60	11.60
84027	.539	999.00	999.00	705	318.32	10.973	8.230	4.572	10.80	10.70	11.30
84028	.536	999.00	999.00	705	241.44	10.973	8.230	4.572	10.80	10.70	11.30
84029	.533	999.00	999.00	700	373.57	10.973	7.925	4.572	10.60	10.70	11.30
84030	.530	999.00	999.00	700	350.75	10.973	7.925	4.572	10.80	10.70	11.30
84031	.527	999.00	999.00	700	999.00	10.973	7.925	4.572	10.60	10.70	11.30
84032	.527	999.00	999.00	710	999.00	10.973	8.230	4.572	10.90	10.60	11.10
84033	.524	999.00	999.00	710	223.42	10.973	7.925	4.572	11.00	10.50	11.00
84034	.521	999.00	999.00	710	317.12	10.973	7.620	4.572	11.30	10.80	10.70
84035	.521	999.00	999.00	710	291.69	10.668	7.620	4.572	11.50	11.00	10.50
84036	.518	999.00	999.00	710	288.29	10.058	7.925	4.572	11.50	11.00	10.50
84037	.515	999.00	999.00	710	237.64	9.754	7.925	4.572	11.50	11.00	10.50
84038	.509	999.00	999.00	720	999.00	9.449	8.230	4.877	11.50	10.60	10.60
84039	.506	999.00	999.00	720	319.52	9.144	8.230	4.877	11.50	10.70	10.70
84040	.503	999.00	999.00	710	260.66	8.839	8.534	4.877	11.50	10.70	10.70
84041	.503	999.00	999.00	700	306.31	8.534	8.534	4.877	11.60	11.40	10.70
84042	.500	999.00	999.00	700	174.17	8.534	8.534	4.877	11.60	11.90	10.80
84043	.497	999.00	999.00	720	263.06	8.839	8.534	4.877	11.60	11.90	10.80
84044	.497	999.00	999.00	720	160.16	9.144	8.230	4.572	11.60	11.90	10.60
84045	.497	999.00	999.00	740	247.45	9.449	8.230	4.572	9.30	9.40	11.20
84046	.494	999.00	999.00	740	271.47	9.754	8.230	4.572	7.60	7.80	11.50
84047	.491	999.00	999.00	740	303.96	9.754	7.925	4.572	8.20	8.50	9.20
84048	.488	999.00	999.00	740	416.82	10.058	7.925	4.267	8.50	9.00	7.50
84049	.485	999.00	999.00	740	327.93	10.363	7.925	4.267	8.50	9.00	7.50
84050	.482	999.00	999.00	740	344.74	10.668	7.925	4.267	8.50	9.00	7.50
84051	.482	999.00	999.00	740	295.50	10.973	7.620	3.962	8.50	9.00	7.50
84052	.468	999.00	999.00	740	123.72	10.973	7.620	3.962	8.80	9.00	7.50
84053	.485	999.00	999.00	725	999.00	10.973	7.620	3.962	9.00	11.60	10.50
84054	.485	999.00	999.00	730	235.44	10.668	7.620	3.962	9.00	13.40	12.60
84055	.482	999.00	999.00	730	268.29	10.363	7.620	3.962	9.00	13.40	12.60
84056	.482	999.00	999.00	730	146.55	9.754	7.620	3.962	9.00	13.40	12.60
84057	.479	999.00	999.00	725	308.71	9.449	7.315	4.267	9.00	13.40	12.60
84058	.480	999.00	999.00	700	392.79	9.144	7.315	4.267	10.80	13.40	12.10
84059	.491	999.00	999.00	690	249.65	8.839	7.315	4.267	12.20	13.30	11.70
84060	.482	999.00	999.00	690	367.57	8.534	7.010	4.267	12.20	13.30	11.70
84061	.475	17.00	13.30	695	460.66	9.144	6.401	4.267	12.30	13.40	11.80
84062	.472	17.30	13.40	695	398.80	8.839	6.401	4.267	12.40	13.40	10.70
84063	.469	19.30	15.40	698	412.01	8.839	6.096	4.267	12.40	13.40	10.70
84064	.463	20.60	17.10	999	343.54	8.534	6.096	4.267	12.40	13.40	10.60
84065	.460	22.60	18.80	999	369.19	8.230	5.791	4.572	12.40	13.40	10.70
84066	.457	24.40	20.60	570	331.53	7.925	5.486	4.572	9.20	9.00	7.70
84067	.451	24.80	22.40	550	281.06	7.620	5.486	4.572	6.70	7.00	5.40
84068	.445	22.60	18.10	550	444.44	7.620	5.182	4.572	6.70	7.00	5.40
84069	.442	22.00	18.00	560	415.62	7.315	4.877	4.572	9.80	7.90	6.70
84070	.439	21.90	18.00	560	414.41	7.010	4.877	4.572	12.10	9.40	7.70
84071	.433	22.70	19.00	560	373.57	7.010	4.877	4.572	12.10	6.40	7.70
84072	.442	23.30	20.10	550	315.92	7.010	5.182	4.572	12.10	6.40	7.70
84073	.469	999.00	999.00	550	999.00	7.010	5.182	4.572	11.40	8.50	9.60
84074	.475	24.80	22.20	650	305.10	7.010	5.182	4.572	10.50	8.50	12.00
84075	.466	24.40	20.80	670	999.00	7.010	5.486	4.572	10.60	7.90	11.10
84076	.460	22.60	20.40	670	255.86	7.010	5.486	4.572	11.10	7.20	11.10
84077	.454	25.40	19.20	675	408.41	7.010	5.486	4.572	11.10	7.20	11.10
84078	.451	26.00	20.50	675	356.76	7.010	5.486	4.572	11.10	7.20	11.10
84079	.442	25.90	20.40	675	391.59	7.010	5.791	4.572	11.10	7.20	11.10
84080	.439	24.10	20.90	675	338.74	7.010	5.791	4.572	10.80	7.60	13.70
84081	.451	25.90	20.50	540	397.60	7.010	5.791	4.572	10.60	8.00	15.60
84082	.442	23.80	19.00	535	437.24	7.010	6.096	4.572	10.60	8.00	15.60

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
84083	.482	22.80	19.50	505	80.46	7.010	6.096	4.572	10.90	10.50	13.70
84084	.500	22.00	18.70	465	371.17	7.010	6.096	4.572	11.10	12.60	12.30
84085	.497	26.00	21.80	440	422.62	7.010	6.401	4.572	11.10	12.60	12.30
84086	.494	27.40	23.40	460	436.04	7.010	6.401	4.572	11.10	12.60	12.30
84087	.491	28.40	24.70	460	436.04	7.010	6.401	4.572	9.30	9.60	11.30
84088	.488	27.80	24.60	462	371.17	7.010	6.401	4.572	6.00	7.50	10.50
84089	.485	24.80	22.40	470	364.36	7.010	6.096	4.572	9.60	6.30	10.00
84090	.475	24.30	18.90	460	468.89	6.706	6.096	4.572	11.00	6.90	9.60
84091	.469	23.80	18.30	480	462.46	6.706	5.791	4.572	11.00	6.60	9.60
84092	.463	24.30	19.60	479	385.59	6.401	5.791	4.572	11.00	6.80	9.60
84093	.457	25.00	20.30	475	361.56	6.096	6.096	4.572	11.00	6.60	9.60
84094	.451	25.40	20.80	999	366.37	5.791	6.096	4.572	11.00	6.90	10.10
84095	.448	24.00	22.40	999	98.50	5.791	6.096	4.572	11.00	9.00	10.50
84096	.445	25.70	20.80	999	267.87	5.486	6.401	4.572	11.00	6.90	10.60
84097	.436	25.30	19.60	999	535.74	5.182	6.401	4.572	11.00	6.60	11.00
84098	.430	25.20	19.00	999	530.93	5.182	6.401	4.572	11.00	6.60	11.00
84099	.427	26.60	20.60	999	454.05	5.182	6.096	4.572	11.00	6.80	11.00
84100	.424	26.00	22.00	999	319.52	5.182	6.096	4.572	11.00	6.80	11.00
84101	.418	27.70	22.60	999	319.52	5.182	6.096	4.572	10.60	6.70	11.20
84102	.415	25.70	21.00	999	253.45	4.877	5.791	4.572	10.30	6.70	11.40
84103	.411	24.90	21.80	999	229.43	4.877	5.486	4.572	10.30	6.70	11.40
84104	.408	28.00	22.10	999	197.00	4.877	5.182	4.267	11.00	7.20	11.20
84105	.405	29.00	23.10	999	343.54	4.877	5.182	4.267	11.50	6.10	11.10
84106	.402	27.50	23.70	999	314.71	4.877	5.182	4.267	11.50	6.10	11.10
84107	.399	999.00	999.00	999	440.84	4.572	4.877	4.267	11.50	6.10	11.10
84108	.399	999.00	999.00	540	345.95	4.572	4.877	4.267	10.60	7.30	10.60
84109	.396	999.00	999.00	545	420.42	4.572	4.877	4.267	10.30	6.20	10.50
84110	.393	999.00	999.00	545	999.00	4.572	4.572	4.267	10.30	6.20	10.50
84111	.390	999.00	999.00	550	475.66	4.572	4.572	4.267	9.20	6.60	11.10
84112	.387	999.00	999.00	570	345.95	4.267	4.572	4.267	8.50	6.90	11.50
84113	.384	999.00	999.00	570	414.41	4.267	4.267	4.267	8.50	6.90	11.50
84114	.381	999.00	999.00	520	355.56	4.267	4.267	4.267	8.50	6.90	11.50
84115	.378	999.00	999.00	525	422.82	4.267	4.267	3.962	8.50	6.90	11.50
84116	.387	999.00	999.00	515	999.00	4.267	3.962	3.962	10.20	6.20	11.40
84117	.384	999.00	999.00	525	999.00	3.962	3.962	3.962	11.50	4.30	11.30
84118	.381	999.00	999.00	570	395.19	3.962	3.962	3.962	11.50	4.30	11.30
84119	.375	999.00	999.00	550	499.70	3.962	3.658	3.962	11.50	4.30	11.30
84120	.372	999.00	999.00	560	357.96	3.962	3.658	3.962	11.50	4.30	11.30
84121	.369	999.00	999.00	565	374.77	3.962	3.658	3.962	11.50	4.30	11.30
84122	.363	999.00	999.00	575	325.53	3.658	3.353	3.962	11.00	3.00	10.70
84123	.360	999.00	999.00	620	463.60	3.658	3.353	3.962	10.60	2.00	10.30
84124	.357	999.00	999.00	615	470.87	3.658	3.353	3.962	10.60	2.00	10.30
84125	.351	999.00	999.00	620	260.66	3.658	3.048	3.962	10.60	5.20	4.30
84126	.351	999.00	999.00	625	395.19	3.353	3.048	3.658	10.60	7.50	.00
84127	.347	999.00	999.00	630	470.87	3.353	3.048	3.658	10.60	7.50	.00
84128	.341	999.00	999.00	620	450.45	3.353	2.743	3.658	10.60	7.50	.00
84129	.338	999.00	999.00	645	321.92	3.048	2.743	3.658	10.50	6.30	5.80
84130	.332	999.00	999.00	650	282.28	2.438	2.743	3.658	10.40	6.90	9.90
84131	.332	999.00	999.00	650	478.66	2.134	2.743	3.353	10.60	6.40	11.10
84132	.326	999.00	999.00	660	406.41	2.438	3.048	3.353	10.80	6.00	12.00
84133	.323	999.00	999.00	660	416.82	2.438	3.048	3.658	10.80	6.00	12.00
84134	.317	999.00	999.00	660	413.21	2.438	3.048	3.658	10.80	6.00	12.00
84135	.314	999.00	999.00	660	326.73	2.438	3.048	3.658	10.80	6.00	12.00
84136	.311	999.00	999.00	660	395.19	2.438	3.048	3.962	10.80	6.00	12.00
84137	.305	999.00	999.00	660	999.00	2.743	3.353	3.962	10.60	6.60	12.00
84138	.302	999.00	999.00	660	271.47	2.743	3.353	4.267	10.90	6.50	9.50
84139	.290	999.00	999.00	675	333.33	2.743	3.353	4.267	11.00	6.90	7.70
84140	.293	999.00	999.00	700	461.26	2.743	3.353	4.572	11.00	6.90	7.70

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
84141	.267	999.00	999.00	695	309.91	2.743	3.353	4.572	11.00	8.90	7.70
84142	.283	999.00	999.00	700	276.28	2.743	3.353	4.572	11.00	8.90	7.70
84143	.280	999.00	999.00	705	999.00	2.743	3.658	4.877	11.00	8.90	7.70
84144	.305	999.00	999.00	650	999.00	2.743	3.658	4.877	10.80	8.80	9.70
84145	.338	999.00	999.00	600	211.41	2.743	3.658	5.182	10.70	8.80	11.20
84146	.369	999.00	999.00	600	129.73	2.743	3.658	5.182	10.70	8.80	11.20
84147	.361	999.00	999.00	575	282.26	2.743	3.658	5.182	10.70	8.80	11.20
84148	.445	999.00	999.00	460	134.53	2.743	3.658	5.486	10.70	8.80	11.20
84149	.479	999.00	999.00	420	153.75	2.743	3.658	5.486	10.70	8.80	11.20
84150	.637	999.00	999.00	400	209.01	2.743	3.658	5.486	9.90	9.10	10.70
84151	999.000	999.00	999.00	999	234.23	2.743	3.658	5.791	9.40	9.30	10.30
84152	999.000	999.00	999.00	999	313.51	2.743	3.658	5.791	9.40	9.30	10.30
84153	.485	999.00	999.00	420	449.25	2.743	3.658	6.096	9.40	9.30	10.30
84154	.472	999.00	999.00	430	523.72	3.048	3.962	6.096	9.40	9.30	10.30
84155	.463	999.00	999.00	440	475.68	3.048	3.962	6.096	9.40	9.30	10.30
84156	.451	999.00	999.00	440	512.91	3.048	3.962	6.401	9.40	9.30	10.30
84157	.442	999.00	999.00	450	472.07	3.048	3.962	6.401	9.40	9.30	10.30
84158	.433	999.00	999.00	460	999.00	3.048	3.962	6.401	9.40	8.60	9.20
84159	.427	999.00	999.00	480	295.50	3.048	3.962	6.706	9.40	8.10	8.40
84160	.421	999.00	999.00	485	377.16	3.048	3.962	6.706	9.40	8.10	8.40
84161	.415	999.00	999.00	495	342.34	3.353	4.267	6.706	9.40	8.10	8.40
84162	.411	999.00	999.00	510	306.31	3.353	4.267	7.010	9.40	8.10	8.40
84163	.405	999.00	999.00	525	369.97	3.353	4.267	7.010	9.40	8.10	8.40
84164	.399	999.00	999.00	520	999.00	3.353	4.267	7.010	9.40	8.40	10.00
84165	.399	999.00	999.00	545	999.00	3.353	4.267	7.315	9.40	8.60	11.20
84166	.436	999.00	999.00	525	109.31	3.353	4.267	7.315	9.40	8.60	11.20
84167	.454	999.00	999.00	510	111.71	3.353	4.267	7.315	9.40	8.60	11.20
84168	.451	999.00	999.00	495	217.42	3.658	4.572	7.620	9.40	8.60	11.20
84169	.451	999.00	999.00	495	229.43	3.658	4.572	7.620	9.40	8.60	11.20
84170	.445	999.00	999.00	485	257.06	3.658	4.572	7.620	9.40	8.60	11.20
84171	.442	999.00	999.00	480	312.31	3.658	4.572	7.620	6.20	10.20	9.50
84172	.436	999.00	999.00	500	257.06	3.658	4.572	7.315	4.00	11.30	8.30
84173	.436	999.00	999.00	510	285.89	3.658	4.877	7.315	4.00	11.30	8.30
84174	.430	999.00	999.00	530	307.51	3.658	4.877	7.010	6.10	11.50	8.50
84175	.427	999.00	999.00	545	406.01	3.658	4.877	999.000	7.60	11.60	8.60
84176	.436	999.00	999.00	550	295.56	3.962	5.192	999.000	7.60	11.60	8.60
84177	.439	999.00	999.00	550	444.44	4.267	5.486	999.000	7.60	11.60	8.60
84178	.439	999.00	999.00	550	999.00	4.267	5.486	999.000	9.00	11.60	9.40
84179	999.000	999.00	999.00	550	999.00	999.000	999.000	999.000	10.00	11.60	9.90
84180	999.000	999.00	999.00	575	427.63	999.000	999.000	999.000	10.00	11.60	9.90
84181	999.000	999.00	999.00	575	192.19	999.000	999.000	999.000	10.00	11.60	9.90
84182	999.000	999.00	999.00	575	276.26	999.000	999.000	999.000	10.00	11.60	9.90
84183	.488	32.20	25.60	520	343.54	4.877	4.877	5.486	10.00	11.60	9.90
84184	.482	30.80	27.50	495	999.00	5.182	5.182	5.486	10.00	11.60	9.90
84185	.479	30.80	26.50	475	255.86	5.182	5.182	5.486	10.00	11.60	9.90
84186	.475	30.50	26.30	480	257.06	5.182	5.182	5.182	10.00	11.60	9.90
84187	.479	30.30	25.70	475	999.00	5.182	5.182	5.182	9.20	11.30	9.60
84188	.479	30.70	26.50	490	264.68	5.182	5.182	5.182	8.60	11.00	9.40
84189	.475	31.00	27.00	490	266.67	5.182	5.182	5.182	8.60	11.00	9.40
84190	.491	32.00	27.40	490	318.32	5.182	5.182	5.182	8.60	11.00	9.40
84191	.497	30.50	28.20	500	181.38	5.182	5.182	5.182	8.60	11.00	9.40
84192	.497	30.70	27.00	505	999.00	5.182	5.182	5.182	9.40	8.70	7.80
84193	.503	30.40	27.00	525	285.89	5.182	5.182	5.486	10.00	7.00	6.70
84194	.512	28.60	26.20	525	263.06	5.182	5.182	5.791	10.00	7.00	6.70
84195	.518	29.30	26.00	525	293.09	5.182	5.182	6.096	10.00	9.00	9.60
84196	.524	29.00	26.40	999	293.09	5.182	5.182	6.096	10.00	10.50	12.00
84197	.530	30.00	26.00	999	354.35	5.182	5.182	6.096	10.00	10.50	12.00
84198	.533	31.50	26.70	999	467.27	5.486	5.486	6.401	10.00	10.50	12.00

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
84199	.536	31.80	27.20	565	437.24	5.486	5.486	6.401	10.60	10.60	12.10
84200	.536	32.70	28.50	570	424.02	5.486	5.486	6.401	11.00	10.70	12.20
84201	.536	32.80	29.00	580	418.02	5.486	5.486	6.401	11.00	10.70	12.20
84202	.549	29.60	28.70	590	216.22	5.486	5.486	6.401	11.00	10.70	12.20
84203	.570	29.60	26.00	575	290.69	5.486	5.486	6.401	11.00	10.70	12.20
84204	.582	27.00	25.80	570	216.22	5.486	5.486	6.401	11.00	10.70	12.20
84205	.585	27.30	24.50	570	999.00	5.486	5.486	6.401	10.10	9.80	11.70
84206	.591	999.00	24.50	570	999.00	5.486	5.486	6.401	9.40	9.20	11.40
84207	.585	999.00	999.00	550	338.74	5.486	5.486	6.401	9.40	9.20	11.40
84208	.579	999.00	999.00	550	222.22	5.486	5.486	6.401	9.40	9.20	11.40
84209	.573	999.00	999.00	550	438.44	5.486	5.182	6.706	9.40	9.20	11.40
84210	.567	999.00	999.00	550	452.85	5.486	5.182	6.706	9.40	9.20	11.40
84211	.558	999.00	999.00	550	473.27	5.486	5.182	6.706	9.40	9.20	11.40
84212	.552	999.00	999.00	550	294.29	5.486	5.182	6.706	9.40	9.20	11.40
84213	.549	999.00	999.00	550	999.00	5.486	5.182	6.706	9.80	9.10	9.70
84214	.546	31.30	27.00	570	504.50	5.182	5.182	6.706	10.20	9.00	8.30
84215	.543	31.70	27.00	570	540.54	5.182	5.182	6.706	10.20	9.00	8.30
84216	.536	29.00	27.60	570	360.36	5.182	5.182	6.706	10.20	9.00	8.30
84217	.536	31.30	26.60	565	528.53	5.182	5.182	6.706	10.20	9.00	8.30
84218	.533	32.20	28.20	560	504.50	5.182	5.182	6.706	10.20	9.00	8.30
84219	.558	30.50	27.80	520	324.32	5.182	5.182	6.706	10.20	9.00	8.30
84220	.552	32.20	27.80	500	504.50	5.182	5.182	6.706	10.20	9.00	8.30
84221	.549	33.00	28.80	500	456.46	5.182	5.182	6.706	10.20	9.00	8.30
84222	.552	31.70	27.60	500	999.00	5.182	5.182	6.706	10.20	9.00	8.30
84223	.543	32.60	28.70	500	999.00	5.182	5.182	6.706	9.90	7.10	9.10
84224	.536	32.00	28.80	510	372.37	5.182	5.182	6.706	9.70	5.70	9.70
84225	.539	30.40	27.50	510	336.34	5.182	5.182	6.706	9.70	5.70	9.70
84226	.543	31.20	27.30	520	456.46	5.182	5.182	6.706	9.70	5.70	9.70
84227	.533	32.20	28.20	520	492.49	4.877	4.877	7.010	9.70	5.70	9.70
84228	.527	32.50	28.70	525	462.46	4.877	4.877	7.010	9.70	5.70	9.70
84229	.518	31.10	28.40	525	384.38	4.877	4.877	7.010	9.70	5.70	9.70
84230	.512	30.90	28.00	525	336.34	4.877	4.877	7.010	9.90	6.20	10.30
84231	.515	30.30	28.20	550	216.22	4.877	4.877	7.010	10.00	10.00	10.60
84232	.521	28.20	26.70	550	228.23	4.877	4.877	7.010	10.00	10.00	10.60
84233	.521	30.20	26.70	550	456.46	4.877	4.877	7.010	10.00	10.00	10.60
84234	.576	31.00	26.50	470	324.32	4.877	4.877	7.010	10.00	9.80	11.60
84235	.616	28.00	26.00	420	300.30	4.877	4.877	7.010	10.00	9.70	12.10
84236	.591	28.30	26.50	440	300.30	4.877	4.877	7.010	9.60	8.70	7.90
84237	.565	29.00	26.70	435	342.34	4.877	4.877	7.010	9.70	7.80	4.00
84238	.568	30.30	27.00	435	348.35	5.182	4.877	7.010	9.70	7.80	4.00
84239	.576	30.70	28.20	435	354.35	5.486	4.877	6.706	9.70	7.80	4.00
84240	.564	30.00	27.00	440	420.42	5.791	4.877	6.706	9.70	7.80	4.00
84241	.555	30.20	26.80	440	999.00	6.096	4.877	6.706	9.80	7.20	7.70
84242	.552	30.70	27.00	450	381.98	6.401	4.877	6.706	9.80	6.60	11.00
84243	.558	30.20	27.30	460	288.29	6.706	4.877	6.401	9.80	6.60	11.00
84244	.552	30.60	27.80	470	312.31	7.010	4.877	6.401	9.80	6.60	11.00
84245	.546	31.00	27.60	480	390.39	7.315	4.877	6.401	9.80	6.60	11.00
84246	.555	29.00	27.00	480	212.61	7.620	4.877	6.401	9.80	6.60	11.00
84247	.570	27.00	26.00	480	252.25	7.925	4.877	6.096	9.80	6.60	11.00
84248	.567	28.90	25.50	460	426.43	8.230	4.877	6.096	9.80	6.60	11.00
84249	.555	30.50	26.80	460	444.44	8.534	4.877	6.096	9.90	6.20	9.90
84250	.549	29.50	28.00	460	222.22	8.230	4.877	6.096	10.00	9.40	9.10
84251	.546	29.70	25.80	500	414.41	7.925	4.877	6.096	10.00	9.40	9.10
84252	.539	29.80	25.70	525	430.03	7.620	4.877	6.096	10.00	9.40	9.10
84253	.536	29.80	25.80	550	468.47	7.315	4.877	6.401	10.00	9.40	9.10
84254	.533	30.30	26.60	560	415.62	7.010	4.877	6.401	10.00	9.40	9.10
84255	.527	30.50	26.70	570	446.65	6.706	4.877	6.401	10.00	9.40	9.10
84256	.524	29.00	27.80	580	212.61	6.401	4.877	6.401	10.50	9.60	10.20

PRIMARY DAILY DATA FILE. PAGE * 10 PDDAT1 CONTINUED

DATE	DEPTH,M	HITEMP,C	LOTEMP,C	SPCOND	LANGLEYS	VELA,MM/S	VELB,MM/S	VELC,MM/S	NUTA,L	NUTB,L	NUTC,L
84257	.521	29.80	26.20	580	306.31	6.401	4.877	6.401	10.90	10.00	10.90
84258	.521	30.20	27.20	605	314.71	6.401	4.877	6.401	10.90	10.00	10.90
84259	.518	29.50	27.20	620	294.29	6.401	4.877	6.401	10.90	10.00	10.90
84260	.524	30.40	26.50	620	414.41	6.401	4.877	6.096	10.90	10.00	10.90
84261	.524	29.00	27.50	625	270.27	6.401	4.877	6.096	10.90	10.00	10.90
84262	.527	27.80	26.50	640	222.22	6.401	4.877	6.096	10.60	7.50	10.90
84263	.530	26.20	25.50	645	103.11	999.000	999.000	999.000	10.40	5.90	10.90
84264	.533	25.50	24.00	650	201.80	999.000	999.000	999.000	10.50	8.60	10.40
84265	.546	26.70	23.90	650	244.29	999.000	999.000	999.000	10.50	10.50	10.00
84266	.564	28.40	24.70	625	402.40	999.000	999.000	999.000	10.50	10.50	10.00
84267	.558	29.80	25.20	625	426.43	999.000	999.000	999.000	10.50	10.50	10.00
84268	.552	28.80	25.30	625	999.00	999.000	999.000	999.000	10.50	8.80	10.30
84269	.549	28.20	25.20	625	999.00	999.000	999.000	999.000	10.50	7.60	10.50
84270	.546	27.80	24.60	630	999.00	999.000	999.000	999.000	10.30	6.60	5.60
84271	.549	25.00	24.60	640	177.78	999.000	999.000	999.000	10.10	5.60	.80
84272	.549	27.60	24.30	650	372.37	999.000	999.000	999.000	10.10	5.60	.80
84273	.561	27.20	25.80	650	206.61	999.000	999.000	999.000	10.10	5.60	.80
84274	.588	26.00	25.00	999	81.68	999.000	999.000	999.000	10.10	5.60	.80
84275	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00
84276	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00
84277	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00
84278	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00
84279	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00
84280	999.000	999.00	999.00	999	999.00	999.000	999.000	999.000	.00	.00	.00

CONVERTED, PRIMARY DAILY DATA FILE.

DATE	D.PTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
83100	.549	14.22	14.22	14.22	.00	999.00	999.00	999.00	999.00	.00
83101	.552	15.14	15.14	15.14	.00	999.00	999.00	999.00	999.00	.00
83102	.546	14.98	14.98	14.98	.00	999.00	999.00	999.00	999.00	.00
83103	.539	14.78	14.78	14.78	.00	999.00	999.00	999.00	999.00	.00
83104	.533	14.62	14.62	14.62	.00	45.68	999.00	999.00	15.62	.00
83105	.536	14.70	14.70	14.70	.00	91.25	999.00	999.00	31.06	.00
83106	.543	15.72	15.72	15.72	.00	85.33	999.00	999.00	29.04	.00
83107	.539	15.61	15.61	15.61	.00	85.97	999.00	999.00	29.26	.00
83108	.533	15.43	15.43	15.43	.00	86.41	999.00	999.00	30.09	.00
83109	.530	15.35	15.35	15.35	.00	89.65	999.00	999.00	30.51	.00
83110	.527	15.26	15.26	15.26	.00	84.20	999.00	999.00	28.66	.00
83111	.521	14.29	14.29	14.29	.00	84.33	999.00	999.00	28.70	.00
83112	.515	14.13	14.13	14.13	.00	85.32	999.00	999.00	29.04	.00
83113	.509	13.96	13.96	13.96	.00	86.32	999.00	999.00	29.38	.00
83114	.506	13.11	13.11	13.11	.00	91.93	999.00	999.00	31.29	.00
83115	.503	13.03	13.03	13.03	.00	92.46	999.00	999.00	31.46	.00
83116	.497	12.88	12.88	12.88	.00	92.71	999.00	999.00	31.56	.00
83117	.491	11.97	11.97	11.97	.00	18.99	999.00	999.00	6.46	.00
83118	.485	11.83	11.83	11.83	.00	.00	999.00	999.00	.00	.00
83119	.482	11.75	11.75	11.75	.00	.00	999.00	999.00	.00	.00
83120	.479	10.95	10.95	10.95	.00	.00	999.00	999.00	.00	.00
83121	.472	10.07	10.07	10.67	.00	999.00	999.00	999.00	999.00	.00
83122	.469	10.01	10.01	10.01	.00	65.91	999.00	999.00	22.43	.00
83123	.463	9.88	9.88	9.88	.00	127.76	999.00	999.00	43.49	.00
83124	.460	9.81	9.81	9.61	.00	135.55	999.00	999.00	46.14	.00
83125	.457	9.75	9.75	9.75	.00	143.44	999.00	999.00	48.82	.00
83126	.448	9.56	9.56	9.56	.00	146.32	999.00	999.00	49.80	.00
83127	.445	8.82	8.82	8.82	.00	158.64	999.00	999.00	54.00	.00
83128	.439	8.70	8.70	8.70	.00	160.81	999.00	999.00	54.74	.00
83129	.433	8.58	8.58	8.58	.00	163.04	999.00	999.00	55.49	.00
83130	.427	8.46	8.46	8.46	.00	116.94	999.00	999.00	39.80	.00
83131	.421	8.34	8.34	8.34	.00	85.69	999.00	999.00	29.23	.00
83132	.415	7.59	7.59	7.59	.00	94.37	999.00	999.00	32.12	.00
83133	.408	7.46	7.46	7.46	.00	95.99	999.00	999.00	32.67	.00
83134	.402	7.35	7.35	7.35	.00	97.42	999.00	999.00	33.16	.00
83135	.396	7.24	7.24	7.24	.00	98.90	999.00	999.00	33.66	.00
83136	.390	7.13	7.13	7.13	.00	100.42	999.00	999.00	34.18	.00
83137	.387	7.08	7.08	7.08	.00	151.00	999.00	999.00	51.39	.00
83138	.381	6.39	6.39	6.39	.00	206.49	999.00	999.00	70.28	.00
83139	.375	6.29	6.29	6.29	.00	191.70	999.00	999.00	65.25	.00
83140	.369	6.19	6.19	6.19	.00	187.47	999.00	999.00	63.81	.00
83141	.366	6.14	6.14	6.14	.00	181.59	999.00	999.00	61.81	.00
83142	.360	6.04	6.04	6.04	.00	177.09	999.00	999.00	60.27	.00
83143	.357	5.99	5.99	5.99	.00	178.57	999.00	999.00	60.78	.00
83144	.351	5.88	5.88	5.88	.00	193.22	999.00	999.00	65.77	.00
83145	.347	5.82	5.82	5.82	.00	201.31	999.00	999.00	68.52	.00
83146	.341	5.72	5.72	5.72	.00	192.92	999.00	999.00	65.66	.00
83147	.335	5.62	5.62	5.62	.00	186.25	999.00	999.00	63.39	.00
83148	.329	5.52	5.52	5.52	.00	189.65	999.00	999.00	64.55	.00
83149	.341	6.24	6.24	6.24	.00	167.72	999.00	999.00	57.09	.00
83150	.372	6.80	6.80	6.80	.00	153.74	999.00	999.00	52.33	.00
83151	.375	6.86	6.86	6.86	.00	152.51	999.00	999.00	51.91	.00
83152	.405	7.41	7.41	7.41	.00	138.14	999.00	999.00	47.02	.00
83153	.396	7.24	7.24	7.24	.00	139.71	999.00	999.00	47.55	.00
83154	.393	7.19	7.19	7.19	.00	140.78	999.00	999.00	47.92	.00
83155	.390	7.13	7.13	7.13	.00	141.86	999.00	999.00	48.29	.00
83156	.411	7.52	7.52	7.52	.00	134.62	999.00	999.00	45.82	.00
83157	.427	7.81	7.81	7.81	.00	129.57	999.00	999.00	44.10	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
83158	.421	7.70	7.70	7.70	.00	125.51	999.00	999.00	42.72	.00
83159	.430	7.86	7.86	7.86	.00	119.99	999.00	999.00	40.84	.00
83160	.460	9.11	9.11	9.11	.00	103.56	999.00	999.00	35.25	.00
83161	.500	9.91	9.91	9.91	.00	95.26	999.00	999.00	32.43	.00
83162	.512	10.14	10.14	10.14	.00	93.04	999.00	999.00	31.67	.00
83163	.536	10.62	10.62	10.62	.00	88.88	999.00	999.00	30.25	.00
83164	.536	10.62	10.62	10.62	.00	88.88	999.00	999.00	30.25	.00
83165	.518	10.26	10.26	10.26	.00	104.15	999.00	999.00	35.45	.00
83166	.503	9.96	9.96	9.96	.00	116.39	999.00	999.00	39.61	.00
83167	.491	9.73	9.73	9.73	.00	121.57	999.00	999.00	41.38	.00
83168	.482	9.55	9.55	9.55	.00	123.84	999.00	999.00	42.15	.00
83169	.472	9.35	9.35	9.35	.00	126.46	999.00	999.00	43.04	.00
83170	.466	8.52	8.52	8.52	.00	138.74	999.00	999.00	47.22	.00
83171	.485	8.87	8.87	8.87	.00	133.30	999.00	999.00	45.37	.00
83172	.500	9.15	9.15	9.15	.00	123.09	999.00	999.00	41.90	.00
83173	.494	9.04	9.04	9.04	.00	122.07	999.00	999.00	41.55	.00
83174	.491	8.98	8.98	8.98	.00	122.81	999.00	999.00	41.80	.00
83175	.483	8.93	8.93	8.93	.00	123.57	999.00	999.00	42.06	.00
83176	.485	8.13	8.13	8.13	.00	135.64	999.00	999.00	46.17	.00
83177	.485	8.13	8.13	8.13	.00	135.64	999.00	999.00	46.17	.00
83178	.479	8.03	8.03	8.03	.00	137.34	999.00	999.00	46.75	.00
83179	.472	7.91	7.91	7.91	.00	148.00	999.00	999.00	50.37	.00
83180	.469	7.86	7.86	7.86	.00	153.28	999.00	999.00	52.17	.00
83181	.466	7.81	7.81	7.81	.00	167.37	999.00	999.00	56.97	.00
83182	.472	7.91	7.91	7.91	.00	158.05	999.00	999.00	53.80	.00
83183	.488	8.18	8.18	8.18	.00	145.92	999.00	999.00	49.67	.00
83184	.485	8.13	8.13	8.13	.00	146.83	999.00	999.00	49.98	.00
83185	.475	7.96	7.96	7.96	.00	149.92	999.00	999.00	51.03	.00
83186	.463	7.76	7.76	7.76	.00	142.08	999.00	999.00	48.36	.00
83187	.454	7.61	7.61	7.61	.00	138.93	999.00	999.00	47.29	.00
83188	.448	7.51	7.51	7.51	.00	140.79	999.00	999.00	47.92	.00
83189	.460	7.71	7.71	7.71	.00	137.11	999.00	999.00	46.67	.00
83190	.488	8.18	8.18	8.18	.00	129.25	999.00	999.00	43.99	.00
83191	.472	7.91	7.91	7.91	.00	133.63	999.00	999.00	45.48	.00
83192	.463	7.76	7.76	7.76	.00	139.16	999.00	999.00	47.36	.00
83193	.454	7.61	7.61	7.61	.00	144.90	999.00	999.00	49.32	.00
83194	.448	7.51	7.51	7.51	.00	140.79	999.00	999.00	47.92	.00
83195	.442	7.41	7.41	7.41	.00	138.09	999.00	999.00	47.00	.00
83196	.439	7.36	7.36	7.36	.00	139.04	999.00	999.00	47.32	.00
83197	.436	7.31	7.31	7.31	.00	140.00	999.00	999.00	47.65	.00
83198	.433	7.92	7.92	7.92	.00	129.21	999.00	999.00	43.98	.00
83199	.427	7.81	7.81	7.81	.00	122.29	999.00	999.00	41.62	.00
83200	.424	7.75	7.75	7.75	.00	117.29	999.00	999.00	39.92	.00
83201	.427	7.81	7.81	7.81	.00	116.47	999.00	999.00	39.64	.00
83202	.433	7.92	7.92	7.92	.00	117.73	999.00	999.00	40.07	.00
83203	.433	7.92	7.92	7.92	.00	119.16	999.00	999.00	40.56	.00
83204	.430	8.52	8.52	8.52	.00	110.79	999.00	999.00	37.71	.00
83205	.427	8.46	8.46	8.46	.00	111.56	999.00	999.00	37.97	.00
83206	.421	8.34	8.34	8.34	.00	118.61	999.00	999.00	40.37	.00
83207	.415	8.22	8.22	8.22	.00	123.09	999.00	999.00	41.90	.00
83208	.415	8.22	8.22	8.22	.00	123.09	999.00	999.00	41.90	.00
83209	.421	8.34	8.34	8.34	.00	130.86	999.00	999.00	44.55	.00
83210	.421	8.34	8.34	8.34	.00	137.69	999.00	999.00	46.87	.00
83211	.424	8.40	8.40	8.40	.00	136.72	999.00	999.00	46.54	.00
83212	.418	8.28	8.28	8.28	.00	138.68	999.00	999.00	47.20	.00
83213	.421	7.70	7.70	7.70	.00	137.32	999.00	999.00	46.74	.00
83214	.418	7.65	7.65	7.65	.00	130.87	999.00	999.00	44.55	.00
83215	.424	7.75	7.75	7.75	.00	129.02	999.00	999.00	43.92	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
83216	.439	6.03	6.03	6.03	.00	124.61	999.00	999.00	42.41	.00
83217	.454	8.30	8.30	8.30	.00	120.50	999.00	999.00	41.01	.00
83218	.463	8.47	8.47	8.47	.00	118.15	999.00	999.00	40.22	.00
83219	.466	8.52	8.52	8.52	.00	117.39	999.00	999.00	39.96	.00
83220	.491	12.72	12.72	8.98	.00	84.01	999.00	999.00	28.59	.00
83221	.509	13.19	13.19	9.31	.00	83.63	999.00	999.00	28.46	.00
83222	.506	13.11	13.11	9.25	.00	79.79	999.00	999.00	27.16	.00
83223	.506	13.11	13.11	9.25	.00	76.32	999.00	999.00	25.98	.00
83224	.509	13.19	13.19	9.31	.00	75.87	999.00	999.00	25.82	.00
83225	.506	12.34	12.34	9.25	.00	81.09	999.00	999.00	27.60	.00
83226	.503	12.27	12.27	9.20	.00	81.57	999.00	999.00	27.77	.00
83227	.509	12.41	12.41	9.31	.00	82.44	999.00	999.00	28.06	.00
83228	.512	12.49	12.49	10.14	.00	81.96	999.00	999.00	27.50	.00
83229	.512	12.49	12.49	10.14	.00	81.96	999.00	999.00	27.90	.00
83230	.521	11.91	11.91	10.32	.00	85.92	999.00	999.00	29.24	.00
83231	.521	11.91	11.91	10.32	.00	85.92	999.00	999.00	29.24	.00
83232	.515	11.77	11.77	10.20	.00	86.92	999.00	999.00	29.58	.00
83233	.509	11.64	11.64	10.08	.00	87.94	999.00	999.00	29.93	.00
83234	.503	11.50	11.50	9.96	.00	88.99	999.00	999.00	30.29	.00
83235	.497	10.60	10.60	9.85	.00	96.51	999.00	999.00	32.65	.00
83236	.503	10.73	10.73	9.96	.00	95.35	999.00	999.00	32.46	.00
83237	.521	11.12	11.12	10.32	.00	92.06	999.00	999.00	31.33	.00
83238	.512	10.92	10.92	10.14	.00	93.68	999.00	999.00	31.89	.00
83239	.506	10.80	10.80	10.02	.00	94.79	999.00	999.00	32.26	.00
83240	.497	9.85	9.85	9.85	.00	103.94	999.00	999.00	35.38	.00
83241	.509	10.08	10.08	10.08	.00	101.48	999.00	999.00	34.54	.00
83242	.515	10.20	10.20	10.99	.00	109.22	999.00	999.00	37.17	.00
83243	.521	10.32	10.32	11.12	.00	113.47	999.00	999.00	38.62	.00
83244	.530	10.50	10.50	11.31	.00	109.38	999.00	999.00	37.23	.00
83245	.549	11.71	11.71	11.71	.00	96.10	999.00	999.00	32.71	.00
83246	.568	12.54	12.54	12.54	.00	89.73	999.00	999.00	30.54	.00
83247	.568	12.54	12.54	12.54	.00	90.63	999.00	999.00	30.85	.00
83248	.585	12.46	12.48	12.48	.00	91.10	999.00	999.00	31.01	.00
83249	.585	16.94	12.48	12.48	.00	83.81	999.00	999.00	28.53	.00
83250	.591	15.31	16.21	14.41	.00	61.02	999.00	999.00	20.77	.00
83251	.585	15.16	16.05	14.27	.00	61.65	999.00	999.00	20.98	.00
83252	.579	15.88	16.76	14.12	.00	59.00	999.00	999.00	20.08	.00
83253	.573	15.72	16.59	13.97	.00	59.62	999.00	999.00	20.29	.00
83254	.564	15.47	17.19	13.75	.00	57.54	999.00	999.00	19.59	.00
83255	.561	16.24	17.10	13.68	.00	57.65	999.00	999.00	19.69	.00
83256	.567	16.42	18.15	13.83	.00	52.63	999.00	999.00	17.91	.00
83257	.582	16.65	18.63	14.19	.00	50.05	999.00	999.00	17.04	.00
83258	.591	17.11	19.82	14.41	.00	47.05	999.00	999.00	16.01	.00
83259	.591	17.11	19.82	15.31	.00	52.79	999.00	999.00	17.97	.00
83260	.582	16.85	19.51	15.08	.00	57.68	999.00	999.00	19.63	.00
83261	.573	17.47	19.21	14.85	.00	58.59	999.00	999.00	19.94	.00
83262	.573	17.47	20.08	14.65	.00	56.05	999.00	999.00	19.08	.00
83263	.570	17.37	19.98	14.77	.00	56.34	999.00	999.00	19.18	.00
83264	.564	17.19	19.77	15.47	.00	56.37	999.00	999.00	19.19	.00
83265	.561	17.10	20.52	15.39	.00	54.30	999.00	999.00	18.48	.00
83266	.573	17.47	20.96	15.72	.00	53.17	999.00	999.00	18.10	.00
83267	.576	17.56	21.07	15.80	.00	52.89	999.00	999.00	18.00	.00
83268	.570	17.37	20.85	15.64	.00	53.45	999.00	999.00	18.19	.00
83269	.561	17.95	20.52	15.39	.00	54.30	999.00	999.00	18.48	.00
83270	.555	17.76	21.15	16.07	.00	42.48	19.81	999.00	14.46	.00
83271	.552	17.67	21.03	15.98	.00	35.66	39.84	999.00	12.14	.00
83272	.555	17.76	21.15	16.07	.00	35.49	42.45	13.51	12.06	.00
83273	.552	17.67	21.03	15.98	.00	35.68	46.24	13.58	12.14	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CCNCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
83274	.549	17.57	20.92	16.73	.00	35.86	44.17	13.66	12.21	.00
83275	.546	17.47	20.80	17.47	.00	36.07	42.29	13.73	12.28	.00
83276	.555	17.76	21.15	17.76	.00	35.49	41.61	13.51	12.08	.00
83277	.552	17.67	21.03	17.67	.00	73.53	66.29	15.62	25.03	.00
83278	.552	17.67	21.03	17.67	.00	100.56	83.67	22.12	34.23	.00
83279	.549	18.41	20.08	18.41	.00	105.32	60.30	21.23	35.85	.00
83280	.546	18.31	19.97	18.31	.00	61.49	80.74	21.35	20.93	.00
83281	.543	18.21	19.86	18.21	.00	35.50	81.18	21.47	12.38	.00
83282	.539	18.89	19.71	18.89	.00	35.76	66.20	20.48	12.17	.00
83283	.543	19.03	19.03	19.03	.00	37.04	54.96	20.13	12.61	.00
83284	.546	19.14	19.14	19.14	.00	36.84	54.66	20.02	12.54	.00
83285	.543	19.03	19.03	19.03	.00	51.97	50.78	19.52	17.69	.00
83286	.543	19.03	19.03	19.03	.00	62.73	47.79	19.11	21.35	.00
83287	.543	19.03	19.03	19.03	.00	55.56	53.17	19.72	18.91	.00
83288	.543	19.03	19.03	19.03	.00	50.18	56.75	20.33	17.08	.00
83289	.543	19.86	19.03	19.03	.00	50.18	56.75	19.49	17.08	.00
83290	.573	20.96	20.96	20.08	.00	45.57	53.78	15.47	15.51	.00
83291	.576	21.07	21.07	20.19	.00	45.33	54.07	18.74	15.43	.00
83292	.585	21.40	21.40	20.50	.00	45.17	53.23	18.63	15.37	.00
83293	.585	21.40	21.40	20.50	.00	45.17	53.23	18.63	15.37	.00
83294	.552	20.19	20.19	19.35	.00	47.87	56.42	19.74	16.29	.00
83295	.552	20.19	20.19	18.51	.00	47.87	56.97	19.74	16.29	.00
83296	.552	20.19	20.19	18.51	.00	47.87	56.97	19.74	16.29	.00
83297	.579	22.06	21.18	19.41	.00	45.64	56.22	18.07	15.53	.00
83298	.582	22.17	21.29	19.51	.00	42.73	50.69	16.41	14.54	.00
83299	.582	22.17	21.29	19.51	.00	41.13	46.61	15.16	14.00	.00
83300	.579	22.06	22.06	19.41	.00	39.69	46.65	15.26	13.51	.00
83301	.573	21.83	21.83	19.21	.00	43.23	47.34	17.37	14.71	.00
83302	.567	21.60	21.60	19.01	.00	45.79	58.61	18.81	15.59	.00
83303	.567	22.47	21.60	19.01	.00	45.79	58.61	18.09	15.59	.00
83304	.564	22.35	21.49	18.91	.00	46.03	58.92	18.18	15.67	.00
83305	.570	22.59	21.72	19.11	.00	46.07	94.59	17.82	15.66	.00
83306	.570	22.59	21.72	19.11	.00	46.07	120.77	17.65	15.66	.00
83307	.570	22.59	21.72	19.11	.00	41.88	59.24	17.65	14.26	.00
83308	.567	22.47	21.60	19.01	.00	36.32	54.42	17.74	12.36	.00
83309	.564	23.21	21.49	18.91	.00	36.51	54.71	.00	12.43	.00
83310	.564	23.21	22.35	18.91	.00	35.10	54.71	.00	11.95	.00
83311	.567	23.33	22.47	19.01	.00	34.92	54.42	.00	11.69	.00
83312	.582	23.95	23.06	19.51	.00	34.02	53.02	.00	11.58	.00
83313	.582	23.95	23.06	19.51	.00	34.02	53.02	.00	11.58	.00
83314	.582	23.95	23.06	19.51	.00	33.53	48.94	9.21	11.41	.00
83315	.582	23.95	23.06	19.51	.00	33.03	46.61	15.67	11.24	.00
83316	.579	24.71	22.94	19.41	.00	33.20	46.85	15.19	11.30	.00
83317	.579	24.71	22.94	19.41	.00	33.20	46.85	15.19	11.30	.00
83318	.576	24.58	22.82	19.31	.00	33.38	47.10	15.27	11.36	.00
83319	.576	24.58	22.82	19.31	.00	33.38	47.10	12.75	11.36	.00
83320	.579	24.71	23.83	19.41	.00	31.97	46.65	10.65	10.88	.00
83321	.579	24.71	23.83	19.41	.00	31.97	46.85	10.65	10.88	.00
83322	.576	24.58	23.70	19.31	.00	32.14	47.10	10.71	10.94	.00
83323	.573	25.32	23.58	19.21	.00	32.31	47.34	10.39	11.00	.00
83324	.579	25.59	23.83	19.41	.00	31.97	46.85	10.28	10.88	.00
83325	.579	25.59	23.83	19.41	.00	31.97	46.85	10.28	10.88	.00
83326	.579	25.59	23.83	19.41	.00	34.84	43.34	9.83	11.86	.00
83327	.579	25.59	23.83	19.41	.00	36.75	41.00	9.53	12.51	.00
83328	.573	25.32	23.58	19.21	.00	37.13	41.43	9.63	12.64	.00
83329	.573	25.32	24.45	18.34	.00	35.81	43.40	9.63	12.19	.00
83330	.570	26.06	24.32	18.24	.00	36.00	43.63	9.36	12.25	.00
83331	.570	26.06	24.32	18.24	.00	36.00	43.63	9.36	12.25	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
83332	.567	25.92	24.19	16.15	.00	36.19	43.66	9.41	12.32	.00
83333	.561	25.65	23.94	17.95	.00	39.42	43.06	11.17	13.42	.00
83334	.561	25.65	23.94	17.95	.00	41.80	42.43	12.52	14.23	.00
83335	.561	24.79	23.94	17.95	.00	41.80	42.43	12.96	14.23	.00
83336	.558	24.66	23.81	17.86	.00	32.47	51.57	10.04	11.05	.00
83337	.558	25.51	23.81	17.86	.00	23.40	60.48	6.98	7.96	.00
83338	.555	25.37	23.68	17.76	.00	23.53	60.81	7.02	8.01	.00
83339	.555	25.37	23.68	17.76	.00	23.53	60.91	7.02	8.01	.00
83340	.552	25.24	24.40	17.67	.00	22.84	61.14	7.05	7.77	.00
83341	.549	25.10	24.26	17.57	.00	22.96	61.47	7.09	7.62	.00
83342	.546	25.80	24.13	17.47	.00	35.34	65.72	9.75	12.03	.00
83343	.546	25.80	24.13	17.47	.00	44.29	68.97	11.70	15.08	.00
83344	.549	25.94	24.26	17.57	.00	44.05	64.71	11.64	14.99	.00
83345	.558	26.36	24.66	17.66	.00	43.34	67.49	11.45	14.75	.00
83346	.561	26.50	24.79	17.95	.00	43.11	67.13	11.39	14.67	.00
83347	.558	27.21	24.66	17.86	.00	43.80	61.76	12.51	14.91	.00
83348	.555	27.07	24.53	17.76	.00	44.04	57.61	13.56	14.99	.00
83349	.561	27.36	25.65	17.95	.00	45.66	39.90	13.44	15.54	.00
83350	.561	27.36	25.65	17.95	.00	48.76	27.86	.00	16.60	.00
83351	.607	29.60	27.75	19.43	.00	45.07	25.75	.00	15.34	.00
83352	.610	30.69	27.89	19.52	.00	44.85	25.63	.00	15.26	.00
83353	.604	30.38	27.61	19.33	.00	45.29	25.66	.00	15.42	.00
83354	.600	30.17	27.43	19.20	.00	44.76	31.38	10.00	15.24	.00
83355	.597	30.02	27.29	19.11	.00	44.57	35.70	17.14	15.17	.00
83356	.594	30.78	27.16	19.01	.00	44.80	35.88	16.72	15.25	.00
83357	.591	30.62	27.02	16.01	.00	48.39	38.50	17.44	16.47	.00
83358	.585	32.10	26.75	17.63	.00	51.44	38.90	17.00	17.51	.00
83359	.579	31.77	25.59	16.76	.00	53.76	41.37	17.18	18.30	.00
83360	.573	31.44	25.32	16.59	.00	54.33	41.60	17.36	16.49	.00
83361	.567	31.11	25.06	16.42	.00	44.92	49.66	12.69	15.29	.00
83362	.567	31.11	25.06	16.42	.00	33.12	58.17	6.97	11.27	.00
83363	.573	31.44	25.32	15.72	.00	32.78	60.77	6.69	11.16	.00
83364	.600	32.92	27.43	16.46	.00	33.99	64.28	9.76	11.57	.00
83365	.610	33.47	27.89	16.73	.00	35.68	101.93	11.79	12.21	.00
84001	.607	33.30	27.75	15.73	.00	36.05	108.44	11.65	12.27	.00
84002	.604	33.14	27.61	15.65	.00	36.23	108.98	11.91	12.33	.00
84003	.600	32.92	27.43	14.63	.00	34.82	90.15	11.76	11.85	.00
84004	.597	32.75	28.21	14.56	.00	33.06	71.65	11.70	11.25	.00
84005	.594	32.59	28.06	13.58	.00	33.22	77.03	11.76	11.31	.00
84006	.588	32.26	27.76	13.44	.00	35.20	78.67	11.64	11.98	.00
84007	.585	32.10	27.64	13.37	.00	36.20	79.07	11.58	12.32	.00
84008	.585	32.10	27.64	13.37	.00	36.20	79.07	11.58	12.32	.00
84009	.582	31.93	26.61	13.30	.00	37.60	79.48	11.63	12.80	.00
84010	.579	31.77	26.47	13.24	.00	39.09	83.33	11.45	13.30	.00
84011	.576	31.60	26.33	13.17	.00	40.15	86.35	11.39	13.67	.00
84012	.570	31.27	26.06	13.03	.00	40.58	87.26	11.51	13.81	.00
84013	.567	31.11	25.92	12.96	.00	39.91	87.72	15.05	13.59	.00
84014	.564	30.94	24.93	12.89	.00	41.05	88.19	17.51	13.97	.00
84015	.564	30.94	24.93	12.69	.00	41.05	68.19	17.51	13.97	.00
84016	.561	30.79	24.79	12.62	.00	41.27	68.66	17.60	14.05	.00
84017	.564	30.94	24.93	12.69	.00	31.47	89.95	13.63	10.71	.00
84018	.558	30.61	24.66	12.76	.00	24.44	91.61	11.00	8.32	.00
84019	.558	30.61	23.81	12.76	.00	25.31	91.91	11.00	8.61	.00
84020	.555	30.45	23.68	12.69	.00	32.17	91.41	12.33	10.95	.00
84021	.552	30.29	23.55	12.62	.00	37.65	91.91	13.42	12.62	.00
84022	.549	30.12	23.43	12.55	.00	37.86	92.41	13.49	12.69	.00
84023	.546	29.95	23.30	12.48	.00	38.07	92.92	13.56	12.96	.00
84024	.546	29.96	22.47	12.48	.00	48.56	102.94	14.34	16.54	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
84025	.546	29.96	22.47	12.48	.00	55.67	109.31	14.66	18.95	.00
84026	.543	29.79	22.34	12.41	.00	54.96	106.25	14.42	18.71	.00
84027	.539	29.57	22.18	12.32	.00	54.65	104.27	14.13	18.67	.00
84028	.536	29.41	22.06	12.25	.00	55.16	104.66	14.21	16.77	.00
84029	.533	29.24	21.12	12.18	.00	57.60	105.45	14.29	19.61	.00
84030	.530	29.08	21.00	12.12	.00	57.93	106.04	14.37	19.72	.00
84031	.527	28.91	20.88	12.05	.00	53.26	106.65	14.46	19.63	.00
84032	.527	28.91	21.69	12.05	.00	55.58	104.76	14.59	18.92	.00
84033	.524	28.75	20.76	11.98	.00	57.50	104.41	14.61	19.57	.00
84034	.521	28.58	19.85	11.91	.00	61.86	102.15	15.30	21.06	.00
84035	.521	27.79	19.85	11.91	.00	63.01	100.24	16.01	21.45	.00
84036	.518	26.05	20.53	11.84	.00	60.93	100.62	17.03	20.74	.00
84037	.515	25.12	20.41	11.77	.00	61.29	101.41	17.72	20.86	.00
84038	.509	24.05	20.95	12.41	.00	58.63	97.10	18.51	19.95	.00
84039	.506	23.13	20.82	12.34	.00	58.43	98.60	19.24	19.69	.00
84040	.503	22.23	21.46	12.27	.00	56.68	99.19	20.02	19.29	.00
84041	.503	21.46	21.46	12.27	.00	60.39	99.19	20.92	20.56	.00
84042	.500	21.34	21.34	12.19	.00	63.42	100.71	21.04	21.59	.00
84043	.497	21.96	21.21	12.12	.00	63.80	101.32	20.44	21.72	.00
84044	.497	22.72	20.45	11.36	.00	66.16	109.08	19.76	22.52	.00
84045	.497	23.46	20.45	11.36	.00	52.26	112.08	15.33	17.79	.00
84046	.494	24.09	20.33	11.29	.00	43.63	115.79	12.53	14.65	.00
84047	.491	23.95	19.46	11.22	.00	49.67	93.19	13.25	16.91	.00
84048	.488	24.54	19.34	10.41	.00	52.92	81.90	13.40	18.01	.00
84049	.485	25.13	19.22	10.35	.00	53.25	82.41	13.09	16.12	.00
84050	.482	25.71	19.10	10.28	.00	53.58	82.92	12.79	16.24	.00
84051	.482	26.44	18.36	9.55	.00	55.72	89.31	12.44	18.97	.00
84052	.488	26.77	18.59	9.67	.00	55.04	88.21	12.72	16.73	.00
84053	.485	26.61	18.48	9.61	.00	71.38	124.26	13.09	24.29	.00
84054	.485	25.87	18.48	9.61	.00	82.45	151.46	13.46	28.06	.00
84055	.482	24.97	18.36	9.55	.00	82.96	152.42	13.95	28.24	.00
84056	.482	23.51	18.36	9.55	.00	82.96	152.42	14.82	28.24	.00
84057	.479	22.63	17.52	10.22	.00	86.97	142.41	15.39	29.60	.00
84058	.488	22.31	17.85	10.41	.00	85.36	132.14	18.73	29.65	.00
84059	.491	21.70	17.96	10.48	.00	84.21	126.99	21.76	28.66	.00
84060	.482	20.57	16.89	10.28	.00	89.51	129.36	22.96	30.47	.00
84061	.475	21.72	15.20	10.13	.00	100.22	123.41	21.92	34.11	.00
84062	.472	20.86	15.11	10.07	.00	100.86	120.61	23.00	34.33	.00
84063	.469	20.73	14.30	10.01	.00	106.58	121.58	23.15	36.28	.00
84064	.463	19.76	14.11	9.88	.00	107.96	122.01	24.29	36.75	.00
84065	.460	18.93	13.32	10.52	.00	114.39	115.09	25.35	38.93	.00
84066	.457	18.11	12.54	10.45	.00	88.89	83.60	19.66	30.25	.00
84067	.451	17.19	12.37	10.31	.00	64.34	59.55	15.09	21.90	.00
84068	.445	16.95	11.53	10.17	.00	69.03	66.36	15.29	23.50	.00
84069	.442	16.17	10.78	10.10	.00	83.34	75.39	23.46	26.37	.00
84070	.439	15.39	10.71	10.04	.00	89.22	87.24	30.43	30.37	.00
84071	.433	15.18	10.56	9.90	.00	90.45	88.45	30.65	30.79	.00
84072	.442	15.49	11.45	10.10	.00	83.40	86.65	30.23	28.39	.00
84073	.469	16.44	12.15	10.72	.00	79.53	101.81	26.64	27.07	.00
84074	.475	16.65	12.31	10.86	.00	78.53	125.65	24.41	26.73	.00
84075	.466	16.33	12.78	10.65	.00	70.27	118.47	25.59	23.92	.00
84076	.460	16.12	12.62	10.52	.00	64.88	120.02	26.64	22.08	.00
84077	.454	15.91	12.45	10.38	.00	65.74	121.60	27.00	22.37	.00
84078	.451	15.81	12.37	10.31	.00	66.17	122.41	27.17	22.52	.00
84079	.442	15.49	12.80	10.10	.00	63.97	124.91	27.73	21.77	.00
84080	.439	15.39	12.71	10.04	.00	67.98	155.22	27.16	23.14	.00
84081	.451	15.81	13.06	10.31	.00	69.65	172.04	25.95	23.71	.00
84082	.442	15.49	13.47	10.10	.00	67.52	175.54	26.43	22.96	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
84083	.482	16.89	14.69	11.02	.00	81.26	141.37	24.97	27.66	.00
84084	.500	17.53	15.24	11.43	.00	94.00	122.35	24.51	32.00	.00
84085	.497	17.42	15.91	11.36	.00	90.07	125.09	24.66	30.66	.00
84086	.494	17.31	15.81	11.29	.00	90.61	123.64	24.81	30.84	.00
84087	.491	17.21	15.71	11.22	.00	69.46	114.47	20.91	23.64	.00
84088	.488	17.10	15.62	11.16	.00	54.60	107.02	13.10	18.58	.00
84089	.485	17.00	14.78	11.09	.00	63.64	102.55	22.31	21.73	.00
84090	.475	15.93	14.48	10.86	.00	69.11	100.52	26.73	23.52	.00
84091	.469	15.73	13.58	10.72	.00	73.66	101.81	27.07	25.08	.00
84092	.463	14.82	13.41	10.58	.00	74.63	103.13	28.73	25.46	.00
84093	.457	13.93	13.93	10.45	.00	71.83	104.48	30.56	24.45	.00
84094	.451	13.06	13.75	10.31	.00	73.61	111.39	32.60	25.06	.00
84095	.448	12.97	13.66	10.24	.00	74.94	116.57	32.82	25.51	.00
84096	.445	12.21	14.24	10.17	.00	71.05	120.71	34.68	24.18	.00
84097	.436	11.30	13.95	9.97	.00	71.70	125.46	37.66	24.41	.00
84098	.430	11.14	13.76	9.83	.00	72.70	127.24	35.21	24.75	.00
84099	.427	11.06	13.01	9.76	.00	76.88	128.13	35.46	26.17	.00
84100	.424	10.99	12.92	9.69	.00	77.42	129.04	36.75	26.35	.00
84101	.418	10.83	12.74	9.56	.00	77.64	133.27	37.68	26.43	.00
84102	.415	10.12	12.02	9.49	.00	82.32	136.63	39.39	28.02	.00
84103	.411	10.02	11.27	9.40	.00	87.74	137.96	39.77	29.87	.00
84104	.408	9.95	10.57	8.70	.00	77.44	146.29	42.79	26.36	.00
84105	.405	9.88	10.49	8.64	.00	66.09	146.06	45.06	22.50	.00
84106	.402	9.80	10.42	8.58	.00	66.59	147.15	45.40	22.66	.00
84107	.399	9.12	9.73	8.51	.00	71.26	148.26	48.79	24.26	.00
84108	.399	9.12	9.73	8.51	.00	85.31	144.25	45.62	29.04	.00
84109	.396	9.05	9.66	8.45	.00	96.55	141.31	44.03	32.86	.00
84110	.393	8.98	8.98	8.38	.00	103.78	142.39	44.37	35.32	.00
84111	.390	8.92	8.92	8.32	.00	109.68	151.66	39.94	37.33	.00
84112	.387	8.26	8.85	8.26	.00	114.38	158.36	39.84	36.93	.00
84113	.384	8.19	8.19	8.19	.00	123.52	159.60	40.15	42.04	.00
84114	.381	8.13	8.13	8.13	.00	124.49	160.86	40.47	42.37	.00
84115	.378	8.06	8.06	7.49	.00	125.48	174.62	40.79	42.71	.00
84116	.387	8.26	7.67	7.67	.00	91.95	169.07	47.81	31.30	.00
84117	.384	7.61	7.61	7.61	.00	64.27	166.90	58.51	21.69	.00
84118	.381	7.55	7.55	7.55	.00	64.78	170.23	53.97	22.05	.00
84119	.375	7.43	6.86	7.43	.00	71.28	172.95	59.91	24.26	.00
84120	.372	7.37	6.80	7.37	.00	71.86	174.35	60.39	24.46	.00
84121	.369	7.31	6.75	7.31	.00	72.44	175.76	60.88	24.66	.00
84122	.363	6.64	6.09	7.19	.00	56.05	169.18	64.12	19.08	.00
84123	.360	6.58	6.04	7.13	.00	37.68	164.21	62.30	12.82	.00
84124	.357	6.53	5.99	7.07	.00	37.99	165.59	62.83	12.93	.00
84125	.351	6.42	5.35	6.95	.00	110.53	70.31	63.90	37.62	.00
84126	.351	5.88	5.35	6.42	.00	159.42	.00	69.71	54.26	.00
84127	.347	5.82	5.29	6.35	.00	161.25	.00	70.52	54.89	.00
84128	.341	5.72	4.68	6.24	.00	182.34	.00	71.76	62.06	.00
84129	.338	5.15	4.64	6.16	.00	203.58	106.67	78.69	69.29	.00
84130	.332	4.05	4.55	6.07	.00	222.24	185.37	99.45	75.64	.00
84131	.332	3.54	4.55	5.57	.00	209.75	226.75	115.80	71.39	.00
84132	.326	3.97	4.97	5.47	.00	183.06	249.64	105.18	62.32	.00
84133	.323	3.94	4.92	5.91	.00	184.76	230.95	106.15	62.89	.00
84134	.317	3.86	4.83	5.80	.00	188.28	235.33	108.16	64.09	.00
84135	.314	3.83	4.79	5.74	.00	190.08	237.57	109.19	64.70	.00
84136	.311	3.79	4.74	6.16	.00	191.91	221.46	110.25	65.32	.00
84137	.305	4.18	5.11	6.04	.00	177.89	225.82	99.92	60.55	.00
84138	.302	4.14	5.06	6.44	.00	190.68	167.64	101.64	64.97	.00
84139	.296	4.06	4.96	6.32	.00	203.92	138.63	104.80	69.41	.00
84140	.293	4.02	4.91	6.70	.00	206.01	130.71	105.94	70.12	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
84141	.287	3.94	4.81	6.56	.00	210.31	133.44	108.15	71.58	.00
84142	.283	3.88	4.74	6.47	.00	213.29	135.33	109.68	72.60	.00
84143	.280	3.84	5.12	6.83	.00	197.60	128.22	110.85	67.26	.00
84144	.305	4.18	5.58	7.44	.00	179.36	148.29	93.92	61.05	.00
84145	.338	4.64	6.18	8.76	.00	161.65	145.41	89.33	55.09	.00
84146	.369	5.06	6.75	9.56	.00	146.25	133.19	81.42	50.46	.00
84147	.381	5.23	6.97	9.87	.00	143.58	129.00	79.25	46.87	.00
84148	.445	6.10	8.14	12.21	.00	122.93	104.33	67.65	41.64	.00
84149	.479	6.57	8.76	13.14	.00	114.21	96.92	63.03	38.87	.00
84150	.637	8.74	11.65	17.47	.00	88.81	69.63	43.65	30.23	.00
84151	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84152	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84153	.465	6.65	8.87	14.78	.00	119.20	79.22	54.69	40.57	.00
84154	.472	7.19	9.35	14.39	.00	113.09	81.40	50.57	38.49	.00
84155	.463	7.06	9.17	14.11	.00	115.29	82.99	51.56	39.24	.00
84156	.451	6.87	8.93	14.43	.00	118.35	81.13	52.93	40.28	.00
84157	.442	6.74	8.76	14.15	.00	120.76	82.79	54.00	41.10	.00
84158	.433	6.60	8.58	13.86	.00	114.00	75.48	55.13	38.80	.00
84159	.427	6.51	8.46	14.32	.00	108.88	66.71	55.90	37.06	.00
84160	.421	6.42	8.34	14.12	.00	110.43	67.66	56.70	37.59	.00
84161	.415	6.96	8.85	13.91	.00	104.02	68.64	52.29	35.40	.00
84162	.411	6.89	8.77	14.41	.00	105.03	66.30	52.80	35.75	.00
84163	.405	6.79	8.64	14.20	.00	106.59	67.28	53.58	36.28	.00
84164	.399	6.69	8.51	13.98	.00	112.20	81.30	54.38	38.19	.00
84165	.399	6.69	8.51	14.59	.00	114.87	87.26	54.38	39.10	.00
84166	.436	7.31	9.30	15.95	.00	105.12	79.86	49.77	35.78	.00
84167	.454	7.61	9.69	16.61	.00	100.95	76.69	47.79	34.36	.00
84168	.451	8.25	10.31	17.18	.00	94.64	74.11	44.10	32.28	.00
84169	.451	8.25	10.31	17.18	.00	94.84	74.11	44.10	32.28	.00
84170	.445	8.14	10.17	16.95	.00	96.12	75.11	44.70	32.72	.00
84171	.442	8.09	10.10	16.84	.00	114.78	64.14	29.69	39.07	.00
84172	.436	7.97	9.97	15.95	.00	128.91	59.18	19.41	43.68	.00
84173	.436	7.97	10.63	15.95	.00	120.85	59.18	19.41	41.13	.00
84174	.430	7.86	10.49	15.07	.00	124.70	64.12	30.02	42.44	.00
84175	.427	7.81	10.41	999.00	.00	126.67	999.00	37.66	43.11	.00
84176	.436	8.64	11.30	999.00	.00	116.75	999.00	34.05	39.74	.00
84177	.439	9.37	12.04	999.00	.00	109.53	999.00	31.40	37.28	.00
84178	.439	9.37	12.04	999.00	.00	109.53	999.00	37.19	37.28	.00
84179	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84180	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84181	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84182	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84183	.488	11.90	11.90	13.39	.00	110.83	84.09	32.52	37.72	.00
84184	.482	12.49	12.49	13.22	.00	105.61	85.14	33.99	35.95	.00
84185	.479	12.41	12.41	13.14	.00	106.27	85.67	31.18	36.17	.00
84186	.475	12.31	12.31	12.31	.00	107.17	91.46	31.44	36.48	.00
84187	.479	12.41	12.41	12.41	.00	103.52	67.95	28.69	35.24	.00
84188	.479	12.41	12.41	12.41	.00	100.77	86.12	26.82	34.30	.00
84189	.475	12.31	12.31	12.31	.00	101.62	86.64	27.04	34.59	.00
84190	.491	12.72	12.72	12.72	.00	98.31	84.01	26.16	33.46	.00
84191	.497	12.88	12.88	12.88	.00	97.12	83.40	25.65	33.06	.00
84192	.497	12.88	12.88	12.88	.00	76.82	68.87	25.25	26.15	.00
84193	.503	13.03	13.03	13.60	.00	61.07	55.21	29.69	20.79	.00
84194	.512	13.27	13.27	14.82	.00	60.00	51.39	29.17	20.42	.00
84195	.518	13.42	13.42	15.79	.00	76.24	70.57	23.83	25.95	.00
84196	.524	13.58	13.58	15.97	.00	87.93	85.43	28.53	29.93	.00
84197	.530	13.73	13.73	16.15	.00	86.94	64.46	28.18	29.59	.00
84198	.533	14.62	14.62	17.06	.00	81.66	79.98	25.47	27.79	.00

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
84199	.536	14.70	14.70	17.15	.00	81.97	80.20	27.90	27.90	.00
84200	.536	14.70	14.70	17.15	.00	82.75	80.86	28.95	28.16	.00
84201	.536	14.70	14.70	17.15	.00	82.75	80.86	28.95	28.16	.00
84202	.549	15.06	15.06	17.57	.00	80.79	78.95	28.27	27.50	.00
84203	.570	15.64	15.64	18.24	.00	77.81	76.04	27.23	26.48	.00
84204	.582	15.96	15.96	18.63	.00	76.21	74.47	26.67	25.94	.00
84205	.585	16.05	16.05	18.72	.00	69.44	71.05	24.36	23.63	.00
84206	.591	16.21	16.21	18.91	.00	64.53	68.53	22.44	21.96	.00
84207	.585	16.05	16.05	18.72	.00	65.19	69.23	22.67	22.19	.00
84208	.579	15.88	15.88	18.53	.00	65.86	69.95	22.91	22.42	.00
84209	.573	15.72	14.65	19.21	.00	70.46	67.46	23.15	23.98	.00
84210	.567	15.55	14.69	19.01	.00	71.20	68.16	23.39	24.24	.00
84211	.558	15.31	14.46	18.71	.00	72.35	69.29	23.77	24.63	.00
84212	.552	15.14	14.30	18.51	.00	73.14	70.03	24.03	24.89	.00
84213	.549	15.06	14.22	18.41	.00	72.74	59.91	25.18	24.76	.00
84214	.546	14.15	14.15	18.31	.00	72.33	51.55	27.90	24.62	.00
84215	.543	14.07	14.07	18.21	.00	72.73	51.83	28.06	24.76	.00
84216	.536	13.89	13.89	17.97	.00	73.68	52.51	28.42	25.08	.00
84217	.536	13.89	13.89	17.97	.00	73.68	52.51	28.42	25.08	.00
84218	.533	13.81	13.81	17.87	.00	74.10	52.81	28.58	25.22	.00
84219	.558	14.46	14.46	18.71	.00	70.78	50.44	27.30	24.09	.00
84220	.552	14.30	14.30	18.51	.00	71.55	50.99	27.60	24.35	.00
84221	.549	14.22	14.22	18.41	.00	71.94	51.27	27.75	24.49	.00
84222	.552	14.30	14.30	18.51	.00	71.55	50.99	27.60	24.35	.00
84223	.543	14.07	14.07	18.21	.00	57.38	56.83	27.23	19.53	.00
84224	.536	13.89	13.89	17.97	.00	46.67	61.37	27.03	15.88	.00
84225	.539	13.97	13.97	18.07	.00	46.41	61.03	26.88	15.80	.00
84226	.543	14.07	14.07	18.21	.00	46.06	60.58	26.66	15.68	.00
84227	.533	13.00	13.00	18.68	.00	49.86	59.94	28.89	16.97	.00
84228	.527	12.85	12.85	18.47	.00	50.43	59.71	29.21	17.17	.00
84229	.518	12.63	12.63	18.16	.00	51.31	60.75	29.72	17.46	.00
84230	.512	12.49	12.49	17.95	.00	74.68	65.26	30.09	25.42	.00
84231	.515	12.56	12.56	18.05	.00	90.54	68.03	30.82	30.82	.00
84232	.521	12.70	12.70	18.26	.00	89.50	67.24	30.46	30.46	.00
84233	.521	12.70	12.70	18.26	.00	89.50	67.24	30.46	30.46	.00
84234	.576	14.05	14.05	20.19	.00	79.33	65.33	27.55	27.06	.00
84235	.616	15.02	15.02	21.59	.00	73.42	63.72	25.76	24.99	.00
84236	.591	14.41	14.41	20.71	.00	68.64	43.36	26.32	23.36	.00
84237	.585	14.27	14.27	20.50	.00	62.17	22.18	26.32	21.16	.00
84238	.588	15.24	14.34	20.61	.00	61.85	22.07	24.64	21.05	.00
84239	.576	15.80	14.05	19.31	.00	63.14	23.55	23.76	21.49	.00
84240	.564	16.33	13.75	18.91	.00	64.46	24.05	22.99	21.95	.00
84241	.555	16.92	13.53	18.61	.00	60.49	47.05	22.42	20.59	.00
84242	.552	17.67	13.46	18.51	.00	55.75	67.57	21.47	18.98	.00
84243	.558	18.71	13.61	17.86	.00	55.15	70.03	20.27	18.77	.00
84244	.552	19.35	13.46	17.67	.00	55.75	70.79	19.60	18.98	.00
84245	.546	19.97	13.31	17.47	.00	56.36	71.57	18.99	19.16	.00
84246	.555	21.15	13.53	17.76	.00	55.45	70.41	17.94	18.87	.00
84247	.570	22.59	13.90	17.37	.00	53.99	71.99	16.79	18.38	.00
84248	.567	23.33	13.83	17.28	.00	54.27	72.37	16.25	18.47	.00
84249	.555	23.68	13.53	16.92	.00	68.69	66.54	16.18	23.45	.00
84250	.549	22.59	13.39	16.73	.00	79.83	61.83	17.13	27.17	.00
84251	.546	21.64	13.31	16.64	.00	80.27	62.17	17.69	27.32	.00
84252	.539	20.54	13.14	16.43	.00	81.32	62.98	18.65	27.68	.00
84253	.536	19.60	13.07	17.15	.00	81.77	60.31	19.74	27.83	.00
84254	.533	18.68	13.00	17.06	.00	82.23	60.65	20.72	27.99	.00
84255	.527	17.67	12.85	16.87	.00	83.17	61.34	21.90	28.31	.00
84256	.524	16.77	12.78	16.77	.00	87.20	69.15	24.23	29.68	.00

CONVERTED, PRIMARY DAILY DATA FILE. PAGE *10 SDDAT2 CONTINUED

DATE	DEPTH,M	DISA,L/S	DISB,L/S	DISC,L/S	(CONCNA	CONCNB	CONCNC	CONCPA	CONCPB	CONCPC)-UG/L
84257	.521	16.67	12.70	16.67	.00	89.50	74.32	25.30	30.46	.00
84258	.521	16.67	12.70	16.67	.00	89.50	74.32	25.30	30.46	.00
84259	.518	16.58	12.63	16.58	.00	90.01	74.75	25.44	30.64	.00
84260	.524	16.77	12.78	15.97	.00	88.98	77.60	25.15	30.29	.00
84261	.524	16.77	12.78	15.97	.00	88.98	77.60	25.15	30.29	.00
84262	.527	16.87	12.85	16.06	.00	66.36	77.15	24.32	22.59	.00
84263	.530	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84264	.533	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84265	.546	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84266	.564	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84267	.558	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84268	.552	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84269	.549	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84270	.546	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84271	.549	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84272	.549	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84273	.561	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84274	.588	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84275	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84276	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84277	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84278	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84279	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00
84280	999.000	999.00	999.00	999.00	.00	999.00	999.00	999.00	999.00	.00

6 WEEK CHEMISTRY DATA FILE.

WEEK	SITE	(NO3-10)	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
6	1	999.00	999.00	999.00	999.00	5.00	999.00
6	2	999.00	999.00	999.00	999.00	5.00	999.00
6	3	999.00	999.00	999.00	999.00	6.00	999.00
6	4	999.00	999.00	999.00	999.00	6.00	999.00
6	5	999.00	999.00	999.00	999.00	8.00	999.00
6	6	999.00	999.00	999.00	999.00	41.00	999.00
6	7	999.00	999.00	999.00	999.00	31.00	999.00
6	8	999.00	999.00	999.00	999.00	24.00	999.00
6	9	999.00	999.00	999.00	999.00	19.50	999.00
6	10	999.00	999.00	999.00	999.00	11.00	999.00
6	11	999.00	999.00	999.00	999.00	5.00	999.00
6	12	999.00	999.00	999.00	999.00	5.00	999.00
6	13	999.00	999.00	999.00	999.00	6.00	999.00
6	14	999.00	999.00	999.00	999.00	999.00	999.00
6	15	999.00	999.00	999.00	999.00	5.00	999.00
6	16	999.00	999.00	999.00	999.00	6.00	999.00
6	17	999.00	999.00	999.00	999.00	6.00	999.00
12	1	10.00	999.00	999.00	999.00	5.33	999.00
12	2	10.00	999.00	999.00	999.00	999.00	999.00
12	3	10.00	999.00	999.00	999.00	5.00	999.00
12	4	10.00	999.00	999.00	999.00	999.00	999.00
12	5	10.00	999.00	999.00	999.00	6.66	999.00
12	6	55.00	999.00	999.00	3600.00	24.33	72.80
12	7	55.00	999.00	999.00	3900.00	24.83	89.20
12	8	65.00	80.00	999.00	4800.00	19.07	74.10
12	9	65.00	75.00	999.00	4500.00	12.97	96.20
12	10	60.00	70.00	999.00	5200.00	6.60	125.00
12	11	10.00	999.00	999.00	999.00	5.50	999.00
12	12	10.00	999.00	999.00	999.00	999.00	999.00
12	13	10.00	999.00	999.00	999.00	6.00	999.00
12	14	10.00	999.00	999.00	999.00	999.00	999.00
12	15	10.00	999.00	999.00	999.00	5.00	999.00
12	16	10.00	999.00	999.00	999.00	5.60	999.00
12	17	10.00	999.00	999.00	999.00	5.60	999.00
18	1	10.00	999.00	999.00	999.00	5.00	999.00
18	2	10.00	999.00	999.00	999.00	999.00	999.00
18	3	10.00	999.00	999.00	999.00	6.00	999.00
18	4	10.00	999.00	999.00	999.00	999.00	999.00
18	5	10.00	999.00	999.00	999.00	5.00	999.00
18	6	60.00	999.00	999.00	1650.00	19.60	165.00
18	7	46.66	999.00	999.00	1950.00	12.50	118.00
18	8	50.00	999.00	999.00	1500.00	12.10	88.00
18	9	46.66	999.00	999.00	1300.00	7.05	143.00
18	10	40.00	999.00	999.00	1600.00	5.70	72.00
18	11	16.66	999.00	999.00	999.00	5.00	999.00
18	12	10.00	999.00	999.00	999.00	999.00	999.00
18	13	13.33	999.00	999.00	999.00	5.00	999.00
18	14	13.33	999.00	999.00	999.00	999.00	999.00
18	15	13.33	999.00	999.00	999.00	5.00	999.00
18	16	11.70	999.00	999.00	999.00	5.20	999.00
18	17	11.70	999.00	999.00	999.00	5.20	999.00

6 WEEK CHEMISTRY DATA FILE. PAGE 2 CHDAT2 CONTINUED

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
24	1	10.00	999.00	999.00	999.00	999.00	999.00
24	2	10.00	999.00	999.00	999.00	999.00	999.00
24	3	10.00	999.00	999.00	999.00	999.00	999.00
24	4	10.00	999.00	999.00	999.00	999.00	999.00
24	5	10.00	999.00	999.00	999.00	999.00	999.00
24	6	35.00	999.00	999.00	999.00	29.90	999.00
24	7	35.00	999.00	999.00	999.00	19.05	999.00
24	8	45.00	999.00	999.00	999.00	13.20	999.00
24	9	45.00	999.00	999.00	999.00	9.15	999.00
24	10	30.00	999.00	999.00	999.00	7.65	999.00
24	11	10.00	999.00	999.00	999.00	999.00	999.00
24	12	10.00	999.00	999.00	999.00	999.00	999.00
24	13	10.00	999.00	999.00	999.00	999.00	999.00
24	14	10.00	999.00	999.00	999.00	999.00	999.00
24	15	10.00	999.00	999.00	999.00	999.00	999.00
24	16	15.00	999.00	999.00	999.00	6.65	999.00
24	17	10.00	999.00	999.00	999.00	6.15	999.00
30	1	10.00	70.00	1430.00	1510.00	10.00	50.00
30	2	10.00	70.00	1330.00	1510.00	10.00	40.00
30	3	10.00	50.00	1150.00	1410.00	10.00	40.00
30	4	10.00	40.00	1160.00	1210.00	10.00	40.00
30	5	10.00	50.00	1350.00	1310.00	10.00	30.00
30	6	50.00	60.00	1240.00	1360.00	10.00	30.00
30	7	30.00	60.00	1340.00	1440.00	10.00	50.00
30	8	20.00	40.00	1160.00	1430.00	10.00	30.00
30	9	20.00	40.00	1260.00	1530.00	10.00	30.00
30	10	10.00	30.00	1270.00	1320.00	10.00	10.00
30	11	70.00	70.00	1230.00	1380.00	5.00	30.00
30	12	50.00	70.00	1230.00	1460.00	5.00	20.00
30	13	60.00	60.00	1140.00	1370.00	5.00	20.00
30	14	70.00	70.00	1230.00	1380.00	5.00	20.00
30	15	40.00	999.00	999.00	1540.00	999.00	20.00
30	16	10.00	80.00	1120.00	1710.00	5.00	30.00
30	17	10.00	80.00	1220.00	1210.00	5.00	20.00
36	1	10.00	90.00	1265.00	2620.00	10.00	30.00
36	2	10.00	160.00	1590.00	1615.00	15.00	35.00
36	3	10.00	140.00	1310.00	2525.00	15.00	35.00
36	4	10.00	50.00	685.00	600.00	10.00	40.00
36	5	10.00	135.00	1365.00	1515.00	10.00	30.00
36	6	40.00	140.00	1360.00	1550.00	10.00	30.00
36	7	55.00	55.00	770.00	890.00	15.00	50.00
36	8	50.00	120.00	1380.00	1660.00	10.00	35.00
36	9	55.00	95.00	1405.00	2615.00	15.00	35.00
36	10	40.00	105.00	1295.00	1650.00	7.50	35.00
36	11	45.00	125.00	1225.00	1705.00	5.00	30.00
36	12	80.00	130.00	1370.00	1590.00	5.00	25.00
36	13	75.00	145.00	1355.00	1585.00	5.00	30.00
36	14	65.00	145.00	1355.00	1625.00	5.00	30.00
36	15	65.00	145.00	1405.00	1625.00	5.00	25.00
36	16	10.00	150.00	1250.00	1515.00	5.00	25.00
36	17	10.00	155.00	1345.00	1515.00	5.00	25.00

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
42	1	10.00	360.00	1340.00	1620.00	19.00	50.00
42	2	10.00	350.00	1650.00	2020.00	10.00	30.00
42	3	10.00	340.00	2460.00	1920.00	20.00	60.00
42	4	10.00	999.00	999.00	999.00	11.00	999.00
42	5	10.00	999.00	999.00	999.00	6.00	999.00
42	6	20.00	300.00	1500.00	1830.00	19.33	40.00
42	7	60.00	330.00	1670.00	1950.00	17.00	40.00
42	8	20.00	300.00	1600.00	1940.00	17.67	30.00
42	9	999.00	999.00	999.00	999.00	6.50	999.00
42	10	50.00	250.00	1550.00	1960.00	6.67	20.00
42	11	40.00	360.00	1440.00	1850.00	5.33	20.00
42	12	110.00	350.00	1650.00	2120.00	5.33	20.00
42	13	70.00	360.00	2840.00	3960.00	5.66	20.00
42	14	160.00	320.00	1780.00	2660.00	5.66	20.00
42	15	110.00	330.00	1700.00	1910.00	5.33	20.00
42	16	10.00	370.00	1730.00	1920.00	5.33	20.00
42	17	30.00	350.00	1750.00	1920.00	5.33	20.00
49	1	10.00	295.00	1555.00	1620.00	15.00	25.00
49	2	10.00	280.00	1800.00	1920.00	15.00	20.00
49	3	10.00	270.00	1430.00	1770.00	15.00	25.00
49	4	10.00	290.00	1510.00	2020.00	10.00	25.00
49	5	10.00	290.00	1960.00	2020.00	10.00	25.00
49	6	105.00	275.00	1575.00	2000.00	25.00	35.00
49	7	50.00	255.00	1545.00	1960.00	15.00	20.00
49	8	40.00	250.00	1450.00	3920.00	10.00	20.00
49	9	50.00	250.00	1700.00	3790.00	15.00	20.00
49	10	40.00	250.00	1650.00	2090.00	10.00	45.00
49	11	270.00	250.00	1570.00	2125.00	8.50	20.00
49	12	155.00	280.00	1580.00	1915.00	8.50	20.00
49	13	225.00	270.00	1720.00	2185.00	8.50	30.00
49	14	190.00	280.00	1775.00	2195.00	8.50	20.00
49	15	130.00	275.00	1815.00	2130.00	8.50	20.00
49	16	10.00	285.00	1595.00	1920.00	8.50	20.00
49	17	10.00	305.00	1640.00	1970.00	8.50	20.00
55	1	10.00	30.00	1670.00	1820.00	30.00	50.00
55	2	10.00	30.00	1670.00	1920.00	30.00	50.00
55	3	10.00	20.00	1680.00	1920.00	10.00	40.00
55	4	10.00	20.00	1680.00	1920.00	10.00	50.00
55	5	10.00	90.00	1610.00	2610.00	10.00	20.00
55	6	70.00	30.00	1570.00	1680.00	30.00	50.00
55	7	60.00	30.00	1570.00	2070.00	20.00	50.00
55	8	40.00	30.00	1670.00	1850.00	10.00	40.00
55	9	10.00	30.00	1670.00	2020.00	10.00	40.00
55	10	10.00	30.00	1770.00	2020.00	10.00	30.00
55	11	230.00	50.00	1650.00	2140.00	5.00	20.00
55	12	150.00	50.00	1650.00	1960.00	5.00	20.00
55	13	160.00	70.00	1530.00	1890.00	5.00	20.00
55	14	160.00	70.00	1930.00	4270.00	5.00	20.00
55	15	10.00	20.00	1780.00	1620.00	5.00	30.00
55	16	10.00	40.00	1560.00	1920.00	5.00	20.00
55	17	10.00	30.00	1870.00	2020.00	5.00	20.00

WEEK	SITE	(NO3-10	NH4-10	ORGN-10	NTOT-10	PO4-10	PTOT-10)-UG/L
62	1	10.00	40.00	2360.00	2820.00	49.50	999.00
62	2	10.00	40.00	2360.00	2420.00	57.50	150.00
62	3	10.00	50.00	1930.00	2320.00	49.50	140.00
62	4	10.00	40.00	1860.00	2420.00	29.00	110.00
62	5	10.00	50.00	2050.00	2420.00	11.50	80.00
62	6	90.00	40.00	2060.00	2700.00	28.50	90.00
62	7	170.00	60.00	2240.00	2480.00	38.50	120.00
62	8	70.00	40.00	2060.00	2460.00	32.00	90.00
62	9	20.00	80.00	1920.00	2430.00	18.50	70.00
62	10	10.00	40.00	1860.00	2320.00	10.50	40.00
62	11	999.00	60.00	2440.00	3650.00	5.00	20.00
62	12	170.00	80.00	2320.00	2680.00	5.00	20.00
62	13	150.00	200.00	2100.00	2760.00	5.50	999.00
62	14	330.00	150.00	2050.00	2730.00	5.50	20.00
62	15	230.00	170.00	2130.00	2740.00	5.00	30.00
62	16	10.00	60.00	2040.00	2420.00	5.00	20.00
62	17	10.00	70.00	1930.00	2520.00	5.00	50.00
68	1	20.00	23.00	975.00	1570.00	71.67	235.00
68	2	10.00	30.00	1170.00	1420.00	80.00	100.00
68	3	10.00	35.00	1315.00	1660.00	39.33	75.00
68	4	10.00	35.00	1365.00	1520.00	34.00	60.00
68	5	10.00	50.00	1650.00	1770.00	34.67	60.00
68	6	105.00	50.00	1650.00	1815.00	47.00	60.00
68	7	55.00	30.00	1370.00	1715.00	40.33	55.00
68	8	35.00	35.00	1415.00	1700.00	33.67	65.00
68	9	10.00	35.00	1315.00	1570.00	20.67	50.00
68	10	10.00	45.00	1305.00	1570.00	24.00	50.00
68	11	205.00	25.00	1425.00	1645.00	7.33	50.00
68	12	125.00	30.00	1370.00	1625.00	7.33	27.50
68	13	110.00	45.00	1555.00	1965.00	7.33	27.50
68	14	95.00	40.00	1460.00	1650.00	7.00	27.50
68	15	65.00	35.00	1415.00	1790.00	8.67	27.50
68	16	10.00	25.00	1325.00	1520.00	7.00	27.50
68	17	10.00	25.00	1375.00	1510.00	7.00	27.50
77	1	10.00	45.00	1315.00	1465.00	24.00	30.00
77	2	10.00	45.00	1455.00	1665.00	17.00	50.00
77	3	10.00	50.00	1450.00	1515.00	15.00	35.00
77	4	10.00	75.00	1395.00	1465.00	16.00	25.00
77	5	10.00	50.00	1405.00	1565.00	15.00	30.00
77	6	50.00	35.00	1365.00	1660.00	19.00	70.00
77	7	40.00	35.00	1320.00	1355.00	14.00	60.00
77	8	40.00	40.00	1290.00	1600.00	15.00	35.00
77	9	25.00	45.00	1310.00	1350.00	11.00	40.00
77	10	15.00	45.00	1310.00	1475.00	11.00	25.00
77	11	75.00	40.00	1410.00	1685.00	8.00	20.00
77	12	105.00	35.00	1265.00	1485.00	7.00	17.00
77	13	80.00	70.00	1680.00	1840.00	6.00	22.00
77	14	80.00	50.00	1300.00	1545.00	5.00	15.00
77	15	75.00	45.00	1305.00	1305.00	5.00	15.00
77	16	10.00	45.00	1405.00	1405.00	8.00	15.00
77	17	10.00	45.00	1310.00	1310.00	7.00	10.00

* WEEK PRODUCTIVITY DATA FILE. PAGE 1 APPENDIX E: PRODAT 1

WEEK	SITE	TEMP,C	LABEL,YS	(14CUP	CHLA	PHA-C	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
6	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
6	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

6 WEEK PRODUCTIVITY DATA FILE. PAGE 2

WEEK	SITE	TEMP,C	LANGLEYS	C14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-US
12	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	6	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	7	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	8	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	9	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
12	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

PRODAT1 CONTINUED

6 WEEK PRODUCTIVITY DATA FILE.   PAGE 3

WEEK	SITE	TEMP,C	LANGLEYS	C14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-U3
[illegible]	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	2	29.10	47.45	.015	12.56	6.55	.0097	1.92	1.5385	2.09	1.09	.0016
[illegible]	2	29.10	47.45	.027	8.16	5.53	.0260	2.31	1.0385	1.36	.59	.0043
[illegible]	2	29.10	47.45	999.000	4.02	3.24	.0325	1.24	999.0000	.67	.54	.0054
[illegible]	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	6	29.20	43.99	.203	46.55	25.67	.2437	1.59	.3326	6.67	4.28	.0406
[illegible]	6	29.20	43.99	.218	40.22	20.26	.2535	1.99	.3600	6.70	3.36	.0422
[illegible]	6	29.20	43.99	.255	48.11	23.75	.2600	2.03	.9808	8.02	3.96	.0433
[illegible]	6	29.20	43.99	999.000	36.11	31.07	.2112	1.16	999.0000	6.02	5.16	.0352
[illegible]	7	29.10	52.10	.544	162.13	88.82	.4307	1.83	1.2394	27.02	14.80	.0731
[illegible]	7	29.10	52.10	.631	212.11	115.96	.5460	1.83	1.1557	35.35	19.32	.0910
[illegible]	7	29.10	52.10	.641	253.40	148.36	.6435	1.71	.9961	42.23	24.73	.1072
[illegible]	7	29.10	52.10	999.000	223.43	126.29	.6337	1.77	999.0000	37.24	21.05	.1056
[illegible]	8	29.10	52.10	.519	240.08	136.79	.6012	1.76	.8632	40.01	22.80	.1002
[illegible]	8	29.10	52.10	.557	212.42	116.41	.5850	1.82	.9522	35.40	19.40	.0975
[illegible]	8	29.10	52.10	.629	246.16	135.18	.7800	1.82	.8064	41.03	22.53	.1300
[illegible]	8	29.10	52.10	999.000	244.10	134.01	.5622	1.82	999.0000	40.68	22.34	.0937
[illegible]	9	29.10	51.80	.266	31.14	15.63	.1072	1.99	2.6667	5.02	2.60	.0179
[illegible]	9	29.10	51.80	.188	16.26	7.56	.0812	2.15	2.3139	2.71	1.26	.0135
[illegible]	9	29.10	51.80	.203	16.01	7.66	.0585	2.09	3.4702	2.67	1.28	.0097
[illegible]	9	29.10	51.80	999.000	21.57	14.21	.0651	1.52	999.0000	3.60	2.37	.0108
[illegible]	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	11	29.20	50.00	.026	9.24	6.57	.0487	1.40	.5333	1.54	1.43	.0081
[illegible]	11	29.20	50.00	.012	6.21	3.75	.0097	1.66	1.2308	1.04	.63	.0016
[illegible]	11	29.20	50.00	999.000	7.47	4.27	.0260	1.75	999.0000	1.25	.71	.0043
[illegible]	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	16	29.40	54.95	.015	7.53	3.57	.0097	2.11	1.5385	1.25	.60	.0016
[illegible]	16	29.40	54.95	.027	8.40	3.81	.0097	2.21	2.7693	1.40	.63	.0016
[illegible]	16	29.40	54.95	999.000	15.52	9.65	.0260	1.61	999.0000	2.59	1.61	.0043
[illegible]	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
[illegible]	17	29.40	50.60	.052	10.64	4.31	.0097	2.47	5.3333	1.77	.72	.0016
[illegible]	17	29.40	50.60	.043	10.46	5.59	.0325	1.88	1.3231	1.74	.93	.0054
[illegible]	17	29.40	50.60	999.000	11.52	999.00	.0487	999.00	999.0000	1.92	999.00	.0081
[illegible]	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

PRODAT1 CONTINUED

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
24	1	28.50	47.75	.014	3.36	2.25	.0097	1.49	1.4359	.56	.37	.0016
24	1	28.50	47.75	.016	4.61	2.70	.0097	1.71	1.6462	.77	.45	.0016
24	1	28.50	47.75	999.000	7.21	4.28	.0162	1.68	999.0000	1.20	.71	.0027
24	1	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	2	27.00	37.99	.028	7.36	4.92	.0162	1.49	1.7231	1.22	.82	.0027
24	2	27.00	37.99	.033	11.64	5.70	.0162	2.04	2.0306	1.94	.95	.0027
24	2	27.00	37.99	999.000	7.59	5.25	.0422	1.44	999.0000	1.26	.88	.0070
24	2	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	3	28.50	47.75	.079	18.69	10.19	.0422	1.83	1.3699	3.11	1.70	.0070
24	3	28.50	47.75	.178	43.35	23.36	.1950	1.86	.9128	7.23	3.90	.0325
24	3	28.50	47.75	999.000	27.59	15.72	.0130	1.76	999.0000	4.60	2.62	.0022
24	3	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	5	28.50	46.10	.133	13.86	7.72	.0162	1.80	[illegible]	2.31	1.29	.0027
24	5	28.50	46.10	.090	13.65	7.49	999.0000	1.82	999.0000	2.27	1.25	999.0000
24	5	28.50	46.10	999.000	18.91	10.56	.0565	1.79	999.0000	3.15	1.75	.0097
24	5	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	6	27.00	28.83	.159	117.03	59.67	.2372	1.96	.6702	19.50	9.94	.0395
24	6	27.00	28.83	.208	157.20	78.36	.3185	2.01	.6531	26.20	13.06	.0531
24	6	27.00	28.83	.209	134.19	68.02	.3152	1.97	.6630	22.36	11.34	.0525
24	6	27.00	28.83	999.000	131.36	67.05	.3672	1.96	999.0000	21.89	11.17	.0612
24	7	27.00	24.47	.430	248.46	221.35	.6435	1.12	.6682	41.41	36.89	.1072
24	7	27.00	24.47	.445	296.20	174.07	.7312	1.70	.6086	49.37	29.01	.1219
24	7	27.00	24.47	.365	217.29	116.74	.4712	1.86	.7746	36.21	19.46	.0785
24	7	27.00	24.47	999.000	257.13	151.97	.4712	1.69	999.0000	42.86	25.33	.0785
24	8	27.00	24.47	.275	283.56	193.99	.7637	1.46	.3601	47.26	32.33	.1273
24	8	27.00	24.47	.247	282.06	260.64	1.1862	1.08	.2082	47.01	43.44	.1977
24	8	27.00	24.47	.314	345.20	325.74	.7800	1.07	.4026	57.53	54.29	.1300
24	8	27.00	24.47	999.000	499.87	492.98	1.3975	1.01	999.0000	83.31	82.16	.2329
24	9	27.00	17.57	.211	199.79	111.93	.3802	1.78	.5549	33.30	18.65	.0634
24	9	27.00	17.57	.255	214.04	118.98	.1072	1.80	2.3777	35.67	19.83	.0179
24	9	27.00	17.57	.352	121.09	108.51	.2470	1.12	1.4251	20.18	18.09	.0412
24	9	27.00	17.57	999.000	229.83	130.03	.1397	1.77	999.0000	38.31	21.67	.0233
24	10	27.00	15.02	.089	46.96	25.97	.0975	1.81	.9128	7.83	4.33	.0162
24	10	27.00	15.02	.094	43.91	22.85	.0422	1.92	2.2249	7.32	3.81	.0070
24	10	27.00	15.02	.124	57.59	29.44	.0325	1.96	3.8155	9.60	4.91	.0054
24	10	27.00	15.02	999.000	48.66	26.13	.0747	1.86	999.0000	8.11	4.35	.0125
24	11	28.50	46.70	.023	11.67	5.92	.0097	1.97	2.3590	1.94	.99	.0016
24	11	28.50	46.70	.014	3.67	3.22	.0422	1.14	.3314	.61	.54	.0070
24	11	28.50	46.70	999.000	3.12	3.04	.0260	1.03	999.0000	.52	.51	.0043
24	11	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	12	27.00	37.99	.053	9.49	999.00	.0162	999.00	3.2616	1.58	999.00	.0027
24	12	27.00	37.99	.039	14.44	11.06	.0650	1.31	.6000	2.41	1.84	.0108
24	12	27.00	37.99	999.000	13.89	6.54	.0585	2.12	999.0000	2.32	1.09	.0097
24	12	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	13	28.50	47.75	.032	14.07	7.61	.0325	1.85	.9846	2.35	1.27	.0054
24	13	28.50	47.75	.025	10.30	6.28	.0487	1.64	.5126	1.72	1.05	.0081
24	13	28.50	47.75	999.000	7.99	5.47	999.0000	1.46	999.0000	1.33	.91	999.0000
24	13	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	15	28.50	47.45	.018	12.32	6.89	.0812	1.79	.2215	2.05	1.15	.0135
24	15	28.50	47.45	.015	16.02	9.16	.0487	1.75	.3077	2.67	1.53	.0081
24	15	28.50	47.45	999.000	21.61	12.61	.0162	1.71	999.0000	3.60	2.10	.0027
24	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	16	27.00	37.99	.022	9.78	4.84	.0260	2.02	.8462	1.63	.81	.0043
24	16	27.00	37.99	.059	23.72	12.32	.0682	1.93	.8645	3.95	2.05	.0114
24	16	27.00	37.99	999.000	16.18	8.03	.0487	2.02	999.0000	2.70	1.34	.0081
24	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
24	17	28.50	47.45	.012	7.73	3.70	999.0000	2.09	999.0000	1.29	.62	999.0000
24	17	28.50	47.45	.006	5.46	3.51	.0097	1.56	.6154	.91	.59	.0016
24	17	28.50	47.45	999.000	22.52	12.17	.0325	1.85	999.0000	3.75	2.03	.0054
24	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

6 WEEK PRODUCTIVITY DATA FILE. PAGE 5

WEEK	SITE	TEMP,C	LANGLEYS	C14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
30	1	24.00	46.85	999.000	191.88	137.22	.3972	1.39	999.0000	31.98	17.87	.0162
30	1	24.00	46.85	999.000	999.00	999.00	.0487	999.00	999.0000	999.00	999.00	.0081
30	1	24.00	46.85	999.000	94.15	55.36	999.0000	1.61	999.0000	15.69	9.73	999.0000
30	1	24.00	46.85	999.000	114.85	3.06	.1072	25.51	999.0000	19.14	.65	.0179
30	2	24.00	35.44	999.000	226.91	131.91	.3347	1.72	999.0000	37.82	21.99	.0558
30	2	24.00	35.44	999.000	74.28	42.77	.0325	1.69	999.0000	12.35	7.13	.0054
30	2	24.00	35.44	999.000	67.96	40.18	.0097	1.69	999.0000	11.33	6.70	.0016
30	2	24.00	35.44	999.000	88.14	52.88	.0097	1.67	999.0000	14.69	8.81	.0016
30	3	24.00	37.09	.076	48.36	26.23	999.0000	1.84	999.0000	8.06	4.37	999.0000
30	3	24.00	37.09	.056	43.00	27.82	999.0000	1.55	999.0000	7.17	4.64	999.0000
30	3	24.00	37.09	.055	54.53	29.17	999.0000	1.87	999.0000	9.09	4.86	999.0000
30	3	24.00	37.09	999.000	96.15	52.76	999.0000	1.86	999.0000	16.36	8.79	999.0000
30	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	5	24.00	20.87	.317	112.02	65.13	999.0000	1.72	999.0000	18.67	10.85	999.0000
30	5	24.00	20.87	.229	120.08	69.31	999.0000	1.73	999.0000	20.01	11.55	999.0000
30	5	24.00	20.87	.227	142.70	79.02	999.0000	1.81	999.0000	23.78	13.17	999.0000
30	5	24.00	20.87	999.000	130.94	75.46	999.0000	1.74	999.0000	21.82	12.58	999.0000
30	6	24.00	46.85	999.000	350.41	302.23	.6272	1.16	999.0000	58.40	50.37	.1045
30	6	24.00	46.85	999.000	391.03	221.86	.6175	1.76	999.0000	65.17	36.98	.1029
30	6	24.00	46.85	999.000	198.42	170.96	.3737	1.16	999.0000	33.07	28.50	.0623
30	6	24.00	46.85	999.000	266.41	160.90	.3087	1.66	999.0000	44.40	26.82	.0515
30	7	24.00	21.92	999.000	999.00	999.00	.4712	999.00	999.0000	999.00	999.00	.0785
30	7	24.00	21.92	999.000	241.92	141.99	.3575	1.70	999.0000	40.32	23.66	.0596
30	7	24.00	21.92	999.000	221.74	127.19	.4062	1.74	999.0000	36.96	21.20	.0677
30	7	24.00	21.92	999.000	233.44	135.83	.5203	1.72	999.0000	38.91	22.64	.0867
30	8	24.00	37.09	.222	267.47	155.43	999.0000	1.72	999.0000	44.58	25.90	999.0000
30	8	24.00	37.09	.221	224.86	135.73	999.0000	1.66	999.0000	37.48	22.62	999.0000
30	8	24.00	37.09	.270	227.72	133.43	999.0000	1.71	999.0000	37.95	22.24	999.0000
30	8	24.00	37.09	999.000	167.37	103.48	999.0000	1.62	999.0000	27.90	17.25	999.0000
30	9	24.00	20.87	.165	235.94	161.05	999.0000	1.47	999.0000	39.32	26.84	999.0000
30	9	24.00	20.87	.218	154.08	124.41	999.0000	1.24	999.0000	25.68	20.73	999.0000
30	9	24.00	20.87	.216	270.02	156.60	999.0000	1.72	999.0000	45.00	26.10	999.0000
30	9	24.00	20.87	999.000	293.35	115.97	999.0000	2.53	999.0000	48.89	19.33	999.0000
30	10	24.00	30.78	.164	286.51	169.52	999.0000	1.69	999.0000	47.75	28.25	999.0000
30	10	24.00	30.78	.211	330.97	197.35	999.0000	1.68	999.0000	55.16	32.89	999.0000
30	10	24.00	30.78	999.000	317.94	999.00	999.0000	999.00	999.0000	52.99	999.00	999.0000
30	10	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	11	24.00	44.44	999.000	71.34	43.37	.1560	1.65	999.0000	11.89	7.31	.0260
30	11	24.00	44.44	999.000	100.36	57.02	.2535	1.76	999.0000	16.73	9.50	.0422
30	11	24.00	44.44	999.000	63.93	37.56	.0585	1.70	999.0000	10.65	6.26	.0097
30	11	24.00	44.44	999.000	112.61	64.33	.2112	1.75	999.0000	18.77	10.72	.0352
30	12	24.00	26.88	999.000	23.43	15.12	999.0000	1.55	999.0000	3.91	2.52	999.0000
30	12	24.00	26.88	999.000	20.73	13.77	999.0000	1.51	999.0000	3.46	2.29	999.0000
30	12	24.00	26.88	999.000	999.00	999.00	.0260	999.00	999.0000	999.00	999.00	.0043
30	12	24.00	26.88	999.000	34.38	23.00	999.0000	1.49	999.0000	5.73	3.83	999.0000
30	13	24.00	34.06	.088	75.72	37.30	999.0000	2.03	999.0000	12.62	6.22	999.0000
30	13	24.00	34.06	.079	63.37	34.10	999.0000	1.86	999.0000	10.56	5.68	999.0000
30	13	24.00	34.06	.075	64.87	35.53	999.0000	1.83	999.0000	10.81	5.92	999.0000
30	13	24.00	34.06	999.000	81.38	43.34	999.0000	1.88	999.0000	13.56	7.22	999.0000
30	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	15	24.00	30.78	.034	29.61	19.99	999.0000	1.48	999.0000	4.93	3.33	999.0000
30	15	24.00	30.78	.054	25.54	22.63	999.0000	1.13	999.0000	4.26	3.77	999.0000
30	15	24.00	30.78	.052	37.83	20.85	999.0000	1.81	999.0000	6.30	3.45	999.0000
30	15	24.00	30.78	999.000	36.92	20.64	999.0000	1.79	999.0000	6.15	3.44	999.0000
30	16	24.00	17.42	999.000	34.64	22.59	999.0000	1.53	999.0000	5.77	3.76	999.0000
30	16	24.00	17.42	999.000	14.04	7.90	999.0000	1.78	999.0000	2.34	1.32	999.0000
30	16	24.00	17.42	999.000	16.02	11.34	999.0000	1.41	999.0000	2.67	1.89	999.0000
30	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	17	24.00	34.06	.024	36.37	21.55	999.0000	1.69	999.0000	6.06	3.59	999.0000
30	17	24.00	34.06	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
30	17	24.00	34.06	999.000	74.20	38.84	999.0000	1.91	999.0000	12.37	6.47	999.0000
30	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

6 WEEK PRODUCTIVITY DATA FILE. PAGE 6

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
36	1	19.50	42.49	.190	248.35	156.97	.6012	1.58	.3160	41.39	26.16	.1002
36	1	19.50	42.49	.204	232.56	125.06	.3737	1.86	.5459	38.76	20.84	.0623
36	1	19.50	42.49	999.000	330.35	171.43	.6500	1.93	999.0000	55.06	28.57	.1083
36	1	19.50	42.49	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	2	19.50	41.74	.150	213.42	119.53	.6012	1.79	.2495	35.57	19.92	.1002
36	2	19.50	41.74	.211	435.13	271.06	.6662	1.61	.3167	72.52	45.18	.1110
36	2	19.50	41.74	.190	306.30	175.69	.2925	1.74	.6496	51.05	29.28	.0487
36	2	19.50	41.74	999.000	255.70	149.37	.5525	1.71	999.0000	42.62	24.89	.0921
36	3	20.00	25.23	.060	209.88	124.24	999.0000	1.69	999.0000	34.98	20.71	999.0000
36	3	20.00	25.23	.064	154.50	90.38	999.0000	1.71	999.0000	25.75	15.06	999.0000
36	3	20.00	25.23	.070	166.17	94.74	999.0000	1.75	999.0000	27.69	15.79	999.0000
36	3	20.00	25.23	999.000	252.36	147.74	999.0000	1.71	999.0000	42.06	24.62	999.0000
36	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	5	20.00	28.83	.061	175.85	117.03	.2047	1.50	.2979	29.31	19.50	.0341
36	5	20.00	28.83	.069	225.35	134.51	.1462	1.71	.4718	36.22	22.42	.0244
36	5	20.00	28.83	.064	215.96	130.65	.1560	1.65	.0265	35.99	21.77	.0260
36	5	20.00	28.33	999.000	222.13	208.61	.2860	1.06	999.0000	37.02	34.77	.0477
36	6	19.50	42.49	.290	493.05	358.06	.2925	1.38	.9915	82.17	59.68	.0487
36	6	19.50	42.49	.263	435.91	273.42	.4062	1.59	.6474	72.65	45.57	.0677
36	6	19.50	42.49	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	6	19.50	42.49	999.000	487.06	342.83	.3575	1.42	999.0000	81.17	57.14	.0596
36	7	19.50	41.74	.253	403.83	243.61	.3900	1.66	.6487	67.31	40.60	.0650
36	7	19.50	41.74	.269	409.39	252.03	.4062	1.62	.7114	68.23	42.01	.0677
36	7	19.50	41.74	.268	469.35	316.74	.6662	1.48	.4023	78.23	52.79	.1110
36	7	19.50	41.74	999.000	460.45	305.95	.9425	1.50	999.0000	76.74	50.99	.1571
36	8	20.00	25.23	.211	352.91	328.34	999.0000	1.07	999.0000	58.82	54.72	999.0000
36	8	20.00	25.23	.153	509.29	384.79	999.0000	1.32	999.0000	84.88	64.13	999.0000
36	8	20.00	25.23	.194	475.01	331.56	999.0000	1.44	999.0000	79.83	55.26	999.0000
36	8	20.00	25.23	999.000	503.90	376.28	999.0000	1.34	999.0000	83.98	62.71	999.0000
36	9	20.00	17.87	.165	466.27	315.76	.4225	1.48	.4379	77.71	52.63	.0704
36	9	20.00	17.87	.187	454.40	298.60	.7800	1.52	.2397	75.73	49.77	.1300
36	9	20.00	17.87	.159	436.66	290.15	999.0000	1.50	999.0000	72.78	48.36	999.0000
36	9	20.00	17.87	999.000	432.66	292.17	999.0000	1.48	999.0000	72.11	48.69	999.0000
36	10	20.00	22.07	.128	206.56	124.24	.1300	1.66	.9846	34.43	20.71	.0217
36	10	20.00	22.07	.129	229.26	139.36	.1235	1.65	1.0446	38.21	23.23	.0206
36	10	20.00	22.07	.124	272.64	172.21	.4810	1.58	.2578	45.44	28.70	.0802
36	10	20.00	22.07	999.000	252.29	157.91	.2437	1.60	999.0000	42.05	26.32	.0406
36	11	19.50	36.64	.020	25.19	14.43	999.0000	1.75	999.0000	4.20	2.40	999.0000
36	11	19.50	36.64	.028	42.93	24.18	999.0000	1.78	999.0000	7.16	4.03	999.0000
36	11	19.50	36.64	.007	11.28	6.66	999.0000	1.69	999.0000	1.88	1.11	999.0000
36	11	19.50	36.64	999.000	6.73	3.67	999.0000	1.83	999.0000	1.12	.61	999.0000
36	12	19.50	41.14	.007	13.06	8.03	.0747	1.63	.0936	2.18	1.34	.0125
36	12	19.50	41.14	.005	11.57	5.49	999.0000	2.11	999.0000	1.93	.92	999.0000
36	12	19.50	41.14	.004	3.41	2.92	999.0000	1.17	999.0000	.57	.49	999.0000
36	12	19.50	41.14	999.000	7.73	4.39	.0910	1.76	999.0000	1.29	.73	.0152
36	13	20.00	30.63	.015	28.21	16.51	999.0000	1.71	999.0000	4.70	2.75	999.0000
36	13	20.00	30.63	.010	15.76	8.81	999.0000	1.79	999.0000	2.63	1.47	999.0000
36	13	20.00	30.63	.008	10.20	5.95	999.0000	1.72	999.0000	1.70	.99	999.0000
36	13	20.00	30.63	999.000	10.30	5.75	999.0000	1.79	999.0000	1.72	.96	999.0000
36	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	15	20.00	18.17	.009	16.93	11.93	999.0000	1.42	999.0000	2.82	1.99	999.0000
36	15	20.00	18.17	.004	5.13	3.93	999.0000	1.31	999.0000	.85	.65	999.0000
36	15	20.00	18.17	999.000	7.64	4.26	999.0000	1.79	999.0000	1.27	.71	999.0000
36	15	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	16	19.50	39.64	.039	49.69	28.73	999.0000	1.73	999.0000	8.28	4.79	999.0000
36	16	19.50	39.64	.045	66.22	34.94	.2275	1.72	.1978	11.04	5.82	.0379
36	16	19.50	39.64	999.000	35.98	19.92	.1560	1.81	999.0000	6.00	3.32	.0260
36	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
36	17	20.00	16.17	.017	15.99	9.91	999.0000	1.61	999.0000	2.66	1.65	999.0000
36	17	20.00	16.17	.021	12.77	10.72	999.0000	1.19	999.0000	2.13	1.79	999.0000
36	17	20.00	16.17	999.000	22.46	12.02	.1462	1.87	999.0000	3.74	2.00	.0244
36	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

PRODAT1 CONTINUED

6 WEEK PRODUCTIVITY DATA FILE. PAGE 7

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
42	1	19.00	47.30	.295	747.19	389.80	1.1700	1.92	.2521	124.53	64.97	.1950
42	1	19.00	47.30	.243	722.07	375.02	.9262	1.93	.2624	120.35	62.50	.1544
42	1	19.00	47.30	.250	943.13	462.07	1.2837	2.04	.1947	157.19	77.01	.2140
42	1	19.00	47.30	999.000	572.31	999.00	.8937	999.00	999.0000	95.39	999.00	.1490
42	2	20.10	56.01	.211	557.04	551.97	.9100	1.01	.2319	92.84	91.99	.1517
42	2	20.10	56.01	.263	1034.12	558.92	1.4462	1.85	.1819	172.35	93.15	.2410
42	2	20.10	56.01	.333	694.18	391.75	1.1862	1.77	.2807	115.70	65.29	.1977
42	2	20.10	56.01	999.000	755.61	746.18	1.2512	1.01	999.0000	125.93	124.36	.2085
42	3	21.70	49.25	.127	271.11	150.34	.3185	1.80	.3988	45.18	25.06	.0531
42	3	21.70	49.25	.018	999.00	999.00	.4225	999.00	.0421	999.00	999.00	.0704
42	3	21.70	49.25	.206	214.79	120.34	.4062	1.78	.5071	35.80	20.06	.0677
42	3	21.70	49.25	999.000	283.13	159.57	.5087	1.77	999.0000	47.19	26.60	.0848
42	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	5	22.30	55.86	.118	82.06	43.45	.2210	1.89	.5340	13.68	7.24	.0368
42	5	22.30	55.86	.100	90.02	49.89	.2535	1.80	.3945	15.00	8.31	.0422
42	5	22.30	55.86	.082	80.50	43.65	.1300	1.84	.6308	13.42	7.27	.0217
42	5	22.30	55.86	999.000	118.72	63.70	.2925	1.86	999.0000	19.79	10.62	.0487
42	6	20.80	49.85	.278	517.52	274.42	.9425	1.89	.2950	86.25	45.74	.1571
42	6	20.80	49.85	.250	249.33	132.60	.5525	1.88	.4525	41.56	22.10	.0921
42	6	20.80	49.85	.299	393.92	214.62	.5687	1.84	.5257	65.65	35.77	.0948
42	6	20.90	49.85	999.000	131.43	70.39	.3250	1.87	999.0000	21.90	11.73	.0542
42	7	21.00	58.41	.297	337.93	184.79	1.5762	1.83	.1884	56.32	30.80	.2627
42	7	21.00	58.41	.264	270.76	157.86	1.4462	1.72	.1825	45.13	26.31	.2410
42	7	21.00	58.41	.277	999.00	999.00	1.1375	999.00	.2435	999.00	999.00	.1896
42	7	21.00	58.41	999.000	185.12	163.76	1.3437	1.13	999.0000	30.85	27.29	.2240
42	8	21.40	49.55	.268	179.49	101.07	.6272	1.78	.4273	29.92	16.85	.1045
42	8	21.40	49.55	.277	248.33	138.48	1.1050	1.79	.2507	41.39	23.08	.1842
42	8	21.40	49.55	.135	220.02	116.64	.2535	1.89	.5326	36.67	19.44	.0422
42	8	21.40	49.55	999.000	202.14	111.08	.6337	1.82	999.0000	33.69	18.51	.1056
42	9	21.80	57.36	.299	614.86	339.94	1.4137	1.81	.2115	102.48	56.66	.2356
42	9	21.80	57.36	.353	503.41	276.37	1.3162	1.82	.2682	83.90	46.06	.2194
42	9	21.80	57.36	.305	399.74	338.32	999.0000	1.18	999.0000	66.62	56.39	999.0000
42	9	21.80	57.36	999.000	655.51	357.00	1.2837	1.84	999.0000	109.25	59.50	.2140
42	10	21.70	56.46	.314	424.93	236.11	1.1862	1.80	.2647	70.82	39.35	.1977
42	10	21.70	56.46	.385	453.20	246.83	.9425	1.84	.4085	75.53	41.14	.1571
42	10	21.70	56.46	.321	343.19	190.26	.7150	1.80	.4490	57.20	31.71	.1192
42	10	21.70	56.46	999.000	346.26	189.31	.6987	1.83	999.0000	57.71	31.55	.1165
42	11	21.40	49.85	.087	39.84	18.75	.2600	2.12	.3346	6.64	3.13	.0433
42	11	21.40	49.85	.048	18.00	5.13	.1300	3.51	.3692	3.00	.85	.0217
42	11	21.40	49.85	.087	17.09	3.80	.1950	4.50	.4462	2.85	.63	.0325
42	11	21.40	49.85	999.000	13.75	2.27	.0747	6.06	999.0000	2.29	.38	.0125
42	12	20.50	55.71	.048	23.96	9.39	.0650	2.55	.7385	3.99	1.57	.0108
42	12	20.50	55.71	.030	15.21	3.18	.0650	4.78	.4616	2.53	.53	.0108
42	12	20.50	55.71	.053	29.05	10.30	.1625	2.82	.3262	4.84	1.72	.0271
42	12	20.50	55.71	999.000	10.76	.71	.0585	15.15	999.0000	1.79	.12	.0097
42	13	20.80	46.55	.037	31.04	20.38	999.0000	1.52	999.0000	5.17	3.40	999.0000
42	13	20.80	46.55	.047	28.44	15.34	.0747	1.85	.6288	4.74	2.56	.0125
42	13	20.80	46.55	.090	40.62	22.65	.1560	1.79	.5769	6.77	3.78	.0260
42	13	20.80	46.55	999.000	45.60	25.54	.1235	1.78	999.0000	7.60	4.26	.0206
42	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	15	21.40	56.01	.032	19.79	10.85	.0260	1.82	1.2308	3.30	1.81	.0043
42	15	21.40	56.01	.021	12.48	7.38	.0260	1.69	.8077	2.08	1.23	.0043
42	15	21.40	56.01	999.000	16.38	8.90	.0000	1.84	999.0000	2.73	1.48	.0000
42	15	21.40	56.01	999.000	10.46	7.44	999.0000	1.41	999.0000	1.74	1.24	999.0000
42	16	20.50	54.35	.042	32.79	12.74	.1397	2.57	.3006	5.47	2.12	.0233
42	16	20.50	54.35	.036	20.60	6.24	.1235	3.30	.2915	3.43	1.04	.0206
42	16	20.50	54.35	999.000	29.15	11.11	.1560	2.62	999.0000	4.86	1.85	.0260
42	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
42	17	21.30	57.36	.011	10.14	5.98	.0325	1.70	.3385	1.69	1.00	.0054
42	17	21.30	57.36	.018	15.86	9.29	.0487	1.71	.3692	2.64	1.55	.0081
42	17	21.30	57.36	999.000	17.91	9.91	.0422	1.81	999.0000	2.98	1.65	.0070
42	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

PRODAT1 CONTINUED

6 WEEK PRODUCTIVITY DATA FILE. PAGE 8

WEEK	SITE	TEMP,C	LANGLEYS	(14C UP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
49	1	23.90	43.84	.218	1077.22	620.86	2.5924	1.74	.0734	153.89	88.59	.4132
49	1	23.90	43.84	.245	862.50	491.52	3.3074	1.75	.0794	123.21	70.22	.4411
49	1	23.90	43.84	.217	1087.06	608.77	2.9249	1.79	.0742	155.29	86.97	.4178
49	1	23.90	43.84	999.000	1192.79	661.36	2.8274	1.80	999.0000	170.40	94.48	.4039
49	2	25.10	34.08	.265	831.95	462.59	1.7225	1.80	.1539	118.85	66.08	.2461
49	2	25.10	34.08	.290	618.04	344.62	1.6737	1.79	.1733	88.29	49.23	.2391
49	2	25.10	34.08	.275	625.48	344.28	1.2025	1.82	.2287	89.35	49.18	.1718
49	2	25.10	34.08	999.000	635.33	349.24	1.4137	1.82	999.0000	90.76	49.89	.2020
49	3	25.10	54.05	.359	978.49	535.46	1.4025	1.83	.2455	139.74	76.49	.2089
49	3	25.10	54.05	.191	253.75	136.17	1.2187	1.86	.1567	36.25	19.45	.1741
49	3	25.10	54.05	.326	694.76	375.89	.9587	1.85	.3421	99.24	53.70	.1370
49	3	25.10	54.05	999.000	505.23	272.41	.7475	1.85	999.0000	72.18	38.92	.1068
49	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	5	25.40	60.81	.455	503.35	275.20	.5200	1.83	.0750	71.91	39.31	.0743
49	5	25.40	60.81	.557	668.64	356.39	.5525	1.88	1.0082	95.52	50.91	.0789
49	5	25.40	60.81	.217	412.41	227.69	.2782	1.81	.7855	58.92	32.53	.0395
49	5	25.40	60.81	999.000	467.92	259.02	999.0000	1.81	999.0000	66.85	37.00	999.0000
49	6	24.40	39.04	.272	725.04	411.37	2.2099	1.76	.1231	103.60	58.77	.3157
49	6	24.40	39.04	.229	523.06	300.19	2.0474	1.74	.1118	74.81	42.88	.2925
49	6	24.40	39.04	.229	661.23	370.46	1.5600	1.79	.1469	94.46	52.92	.2229
49	6	24.40	39.04	999.000	545.34	305.26	1.8200	1.79	999.0000	77.91	43.61	.2600
49	7	24.80	34.08	.323	946.12	483.56	1.6250	1.95	.1988	135.16	69.08	.2321
49	7	24.80	34.08	.269	1379.59	737.05	2.9087	1.87	.0925	197.08	105.29	.4155
49	7	24.80	34.08	.233	1271.30	699.58	2.4537	1.82	.0950	181.61	99.94	.3505
49	7	24.80	34.08	999.000	1343.39	696.30	2.5187	1.93	999.0000	191.91	99.47	.3598
49	8	25.20	58.41	.089	203.15	116.36	.2360	1.75	.3112	29.02	16.63	.0409
49	8	25.20	58.41	.132	181.96	97.66	.1235	1.86	1.0689	25.99	13.95	.0176
49	8	25.20	58.41	.085	180.73	92.62	.3022	1.95	.2812	25.82	13.23	.0432
49	8	25.20	58.41	999.000	168.44	91.36	.2697	1.84	999.0000	24.06	13.05	.0385
49	9	25.10	61.11	.157	749.69	410.53	1.2285	1.83	.1604	107.13	58.65	.1755
49	9	25.10	61.11	.190	748.83	410.14	1.4787	1.82	.1285	106.69	58.59	.2112
49	9	25.10	61.11	.175	700.16	384.66	1.2025	1.82	.1455	100.01	54.95	.1718
49	9	25.10	61.11	999.000	662.92	363.37	1.9012	1.82	999.0000	94.70	51.91	.2716
49	10	25.00	61.86	.366	1833.41	984.14	1.4787	1.86	.2624	261.92	140.59	.2112
49	10	25.00	61.86	.366	1078.45	624.57	.7475	1.73	.4964	154.06	89.22	.1068
49	10	25.00	61.86	.327	930.97	532.40	.8937	1.75	.3659	133.00	76.06	.1277
49	10	25.00	61.86	999.000	582.58	512.46	.7962	1.14	999.0000	83.23	73.21	.1137
49	11	24.20	39.04	.090	71.50	43.78	.2860	1.63	.3147	10.21	6.25	.0409
49	11	24.20	39.04	.079	43.97	28.01	.2275	1.57	.3473	6.28	4.00	.0325
49	11	24.20	39.04	.107	87.85	40.16	.1625	2.19	.6585	12.55	5.73	.0232
49	11	24.20	39.04	999.000	51.80	31.07	.2437	1.67	999.0000	7.40	4.44	.0348
49	12	24.40	21.17	.031	28.92	19.43	.0487	1.49	.6359	4.13	2.78	.0070
49	12	24.40	21.17	.022	23.76	15.14	.0260	1.57	.8462	3.39	2.16	.0037
49	12	24.40	21.17	.032	30.39	19.30	.0585	1.57	.5470	4.34	2.76	.0084
49	12	24.40	21.17	999.000	27.92	18.85	.0487	1.48	999.0000	3.99	2.69	.0070
49	13	24.80	58.86	.016	13.13	7.77	.1072	1.69	.1492	1.88	1.11	.0153
49	13	24.80	58.86	.010	10.95	6.82	.0422	1.60	.2367	1.56	.97	.0060
49	13	24.80	58.86	.007	9.10	4.68	.0260	1.94	.2692	1.30	.67	.0037
49	13	24.80	58.86	999.000	7.90	4.42	.0650	1.80	999.0000	1.14	.63	.0093
49	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	15	25.50	61.86	.009	9.13	4.94	.0422	1.85	.2133	1.30	.71	.0060
49	15	25.50	61.86	.017	14.66	8.22	.0422	1.78	.4024	2.09	1.17	.0060
49	15	25.50	61.86	.012	15.60	7.60	.0260	2.05	.4616	2.23	1.09	.0037
49	15	25.50	61.86	999.000	10.56	5.69	.0260	1.86	999.0000	1.51	.81	.0037
49	16	24.20	40.39	.033	26.06	17.58	.1462	1.48	.2256	3.72	2.51	.0209
49	16	24.20	40.39	.043	31.91	20.99	.1235	1.52	.3482	4.56	3.00	.0176
49	16	24.20	40.39	999.000	30.00	29.80	.1397	1.01	999.0000	4.29	4.26	.0200
49	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
49	17	25.40	61.56	.024	34.12	18.04	.1072	1.89	.2235	4.87	2.58	.0153
49	17	25.40	61.56	.021	16.15	8.97	.0747	1.80	.2809	2.31	1.28	.0107
49	17	25.40	61.56	999.000	18.17	10.32	.0325	1.76	999.0000	2.60	1.47	.0046
49	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

6 WEEK PRODUCTIVITY DATA FILE. PAGE 9

WEEK	SITE	TEMP,C	LANGLEYS	C14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
55	1	23.30	50.00	.090	37.57	22.65	.0650	1.66	1.3847	6.26	3.76	.0108
55	1	23.30	50.00	.108	27.25	16.90	.0913	1.61	1.1836	4.54	2.82	.0152
55	1	23.30	50.00	.065	22.03	12.97	.0812	1.70	.8005	3.67	2.16	.0135
55	1	23.30	50.00	999.000	15.44	8.64	.0422	1.79	999.0000	2.57	1.44	.0070
55	2	27.10	37.39	.066	34.09	20.47	.1397	1.67	.4723	5.68	3.41	.0233
55	2	27.10	37.39	.086	33.05	20.26	.1885	1.63	.4562	5.51	3.38	.0314
55	2	27.10	37.39	.063	38.77	17.13	.1300	2.26	.4846	6.46	2.85	.0217
55	2	27.10	37.39	999.000	33.34	20.12	.1625	1.66	999.0000	5.56	3.35	.0271
55	3	26.50	36.04	.033	47.87	27.49	.1235	1.74	.2672	7.98	4.58	.0206
55	3	26.50	36.04	.048	21.74	12.56	.1397	1.73	.3435	3.62	2.10	.0233
55	3	26.50	36.04	.046	24.34	13.81	.0975	1.76	.4718	4.06	2.30	.0162
55	3	26.50	36.04	999.000	27.23	15.57	.0812	1.75	999.0000	4.54	2.59	.0135
55	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	5	26.80	26.58	.314	376.30	216.70	2.0149	1.74	.1558	62.72	36.12	.3358
55	5	26.80	26.58	.218	192.79	112.32	1.0400	1.72	.2096	32.13	18.72	.1733
55	5	26.80	26.58	.256	375.30	220.99	2.1124	1.70	.1212	62.55	36.83	.3521
55	5	26.80	26.58	999.000	329.15	194.35	2.0799	1.69	999.0000	54.86	32.39	.3467
55	6	22.80	51.95	.091	46.64	26.32	.1462	1.77	.6222	7.77	4.39	.0244
55	6	22.80	51.95	.059	2.37	13.39	.0812	.18	.7262	.40	2.23	.0135
55	6	22.80	51.95	.076	33.64	19.50	.0747	1.72	1.0167	5.61	3.25	.0125
55	6	22.80	51.95	999.000	81.19	45.79	.1137	1.77	999.0000	13.53	7.63	.0190
55	7	25.90	38.29	.113	149.37	85.57	.4647	1.75	.2431	24.89	14.26	.0775
55	7	25.90	38.29	.171	136.24	77.58	.2275	1.76	.7517	22.71	12.93	.0379
55	7	25.90	38.29	.065	53.53	30.61	.1300	1.75	.6539	8.92	5.10	.0217
55	7	25.90	38.29	999.000	139.52	76.31	.1235	1.83	999.0000	23.25	12.72	.0206
55	8	25.70	37.84	.076	35.49	19.43	.0260	1.83	2.9232	5.91	3.24	.0043
55	8	25.70	37.84	.076	41.92	22.81	.0747	1.84	1.0167	6.99	3.80	.0125
55	8	25.70	37.84	.094	51.58	28.21	.0585	1.83	1.6069	8.60	4.70	.0097
55	8	25.70	37.84	999.000	60.51	32.24	.1072	1.88	999.0000	10.09	5.37	.0179
55	9	26.50	26.58	.100	23.20	16.57	.1885	1.40	.5305	3.87	2.76	.0314
55	9	26.50	26.58	.036	22.26	13.10	.0910	1.70	.3956	3.71	2.18	.0152
55	9	26.50	26.58	.051	31.00	14.66	.0812	2.12	.6277	5.17	2.44	.0135
55	9	26.50	26.58	999.000	33.83	19.43	.1072	1.74	999.0000	5.64	3.24	.0179
55	10	26.20	36.04	.306	305.23	176.80	2.0799	1.73	.1471	50.87	29.47	.3467
55	10	26.20	36.04	.355	458.50	264.15	1.6250	1.74	.2185	76.42	44.03	.2708
55	10	26.20	36.04	.345	264.02	171.66	2.1124	1.54	.1633	44.00	28.61	.3521
55	10	26.20	36.04	999.000	319.21	187.85	1.8850	1.70	999.0000	53.20	31.31	.3142
55	11	26.20	51.95	.011	7.60	4.71	.0097	1.61	1.1282	1.27	.79	.0016
55	11	26.20	51.95	.005	4.61	3.15	.0162	1.46	.3077	.77	.53	.0027
55	11	26.20	51.95	.004	2.31	1.36	.1137	1.69	.0352	.38	.23	.0190
55	11	26.20	51.95	999.000	1.49	.58	.0097	2.56	999.0000	.25	.10	.0016
55	12	25.60	38.29	.012	3.05	1.62	.0260	1.88	.4616	.51	.27	.0043
55	12	25.60	38.29	.005	3.80	2.99	999.0000	1.27	999.0000	.63	.50	999.0000
55	12	25.60	38.29	.005	4.78	3.05	.0162	1.56	.3077	.80	.51	.0027
55	12	25.60	38.29	999.000	6.95	5.00	999.0000	1.39	999.0000	1.16	.83	999.0000
55	13	26.10	43.09	.019	8.09	4.61	.0487	1.75	.3898	1.35	.77	.0081
55	13	26.10	43.09	.007	3.54	2.47	999.0000	1.43	999.0000	.59	.41	999.0000
55	13	26.10	43.09	.007	5.07	2.83	.0097	1.79	.7180	.84	.47	.0016
55	13	26.10	43.09	999.000	8.03	4.68	.0325	1.72	999.0000	1.34	.78	.0054
55	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	15	27.70	32.88	.002	1.33	.88	999.0000	1.52	999.0000	.22	.15	999.0000
55	15	27.70	32.88	.001	1.30	.65	999.0000	2.00	999.0000	.22	.11	999.0000
55	15	27.70	32.88	.002	1.36	.78	999.0000	1.75	999.0000	.23	.13	999.0000
55	15	27.70	32.88	999.000	1.82	1.10	999.0000	1.65	999.0000	.30	.18	999.0000
55	16	26.60	37.39	.015	9.20	5.33	.0260	1.73	.5769	1.53	.89	.0043
55	16	26.60	37.39	.014	9.20	4.81	.0162	1.91	.8616	1.53	.80	.0027
55	16	26.60	37.39	999.000	5.65	3.25	.0260	1.74	999.0000	.94	.54	.0043
55	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
55	17	26.50	31.98	.022	14.36	7.28	.0422	1.97	.5207	2.39	1.21	.0070
55	17	26.50	31.98	.009	8.61	4.66	999.0000	1.84	999.0000	1.44	.78	999.0000
55	17	26.50	31.98	999.000	8.16	4.97	.0260	1.64	999.0000	1.36	.83	.0043
55	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHA=C	DRYWT	CHLA/PHA=C	C14/DRYWT	CHLA/WK	PHA=O/WK	DRYWT/WK)-UG
62	1	28.60	54.65	.031	11.99	10.11	.0467	1.19	.6359	1.71	1.44	.0070
62	1	28.60	54.65	.020	11.23	10.49	.0097	1.07	2.0513	1.60	1.50	.0014
62	1	28.60	54.65	.003	6.78	4.21	.0422	1.61	.0710	.97	.60	.0060
62	1	28.60	54.65	999.000	999.00	999.00	.1137	999.00	999.0000	999.00	999.00	.0162
62	2	28.80	50.60	.067	45.99	26.21	.1950	1.75	.3436	6.57	3.74	.0279
62	2	28.80	50.60	.031	41.69	23.44	.1072	1.79	.2891	5.96	3.35	.0153
62	2	28.80	50.60	999.000	26.62	15.13	.0487	1.77	999.0000	3.63	2.16	.0070
62	2	28.80	50.60	999.000	27.60	16.16	.1137	1.71	999.0000	3.94	2.31	.0162
62	3	28.10	44.29	.004	999.00	999.00	.0325	999.00	.1231	999.00	999.00	.0046
62	3	28.10	44.29	.005	5.23	3.04	.0260	1.72	.1923	.75	.43	.0037
62	3	28.10	44.29	.017	6.59	4.17	.0325	1.58	.5231	.94	.60	.0046
62	3	28.10	44.29	999.000	5.49	3.29	.0422	1.67	999.0000	.78	.47	.0060
62	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	5	29.40	35.44	.082	181.93	111.67	.3362	1.63	.2529	25.99	15.95	.0766
62	5	29.40	35.44	.251	208.71	125.62	.5850	1.66	.4291	29.82	17.95	.0836
62	5	29.40	35.44	.224	156.42	97.79	.4062	1.60	.5514	22.35	13.97	.0580
62	5	29.40	35.44	999.000	170.07	101.41	.3575	1.68	999.0000	24.30	14.49	.0511
62	6	28.60	54.65	.466	999.00	999.00	1.1862	999.00	.3928	999.00	999.00	.1695
62	6	28.60	54.65	.345	976.24	622.68	1.1537	1.57	.2990	139.46	88.95	.1648
62	6	28.60	54.65	.286	181.56	109.10	.3575	1.66	.8000	25.94	15.59	.0511
62	6	28.60	54.65	999.000	679.33	399.51	1.3650	1.70	999.0000	97.05	57.07	.1950
62	7	29.20	55.11	.616	1278.72	771.53	2.2099	1.66	.2787	182.67	110.22	.3157
62	7	29.20	55.11	.662	1045.91	674.33	1.8850	1.55	.3618	149.42	96.33	.2693
62	7	29.20	55.11	.536	364.61	216.46	.6500	1.68	.8254	52.09	30.92	.0929
62	7	29.20	55.11	999.000	329.17	205.12	.3250	1.60	999.0000	47.02	29.30	.0464
62	8	28.40	35.74	.256	461.06	288.14	1.3162	1.60	.1945	65.87	41.16	.1880
62	8	28.40	35.74	.284	411.33	255.11	1.0400	1.61	.2731	58.76	36.44	.1486
62	8	28.40	35.74	.279	475.96	303.27	.9100	1.58	.3066	67.99	43.32	.1300
62	8	28.40	35.74	999.000	331.19	193.67	.5850	1.71	999.0000	47.31	27.67	.0836
62	9	28.40	45.80	.339	191.62	115.58	.6500	1.66	.5216	27.40	16.51	.0929
62	9	28.40	45.80	.279	196.94	120.56	.3737	1.63	.7465	28.13	17.23	.0534
62	9	28.40	45.80	.307	344.66	202.92	1.1537	1.70	.2661	49.24	28.99	.1648
62	9	28.40	45.80	999.000	471.47	284.97	1.0400	1.65	999.0000	67.35	40.71	.1486
62	10	28.00	40.54	.243	230.27	136.95	.7637	1.68	.3182	32.90	19.56	.1091
62	10	28.00	40.54	.279	254.10	151.85	.6500	1.67	.4292	36.30	21.69	.0929
62	10	28.00	40.54	.313	266.12	158.09	.3250	1.68	.9631	38.02	22.58	.0464
62	10	28.00	40.54	999.000	256.78	153.74	.6987	1.68	999.0000	36.67	21.96	.0998
62	11	29.30	53.60	.002	8.40	5.39	999.0000	1.56	999.0000	1.20	.77	999.0000
62	11	29.30	53.60	.001	2.25	1.84	.0097	1.23	.1026	.32	.26	.0014
62	11	29.30	53.60	.001	1.42	1.01	.0097	1.41	.1026	.20	.14	.0014
62	11	29.30	53.60	999.000	1.94	1.43	.0162	1.36	999.0000	.28	.20	.0023
62	12	30.20	51.65	.010	4.37	2.62	.0032	1.67	3.0770	.62	.40	.0005
62	12	30.20	51.65	.002	1.12	.79	.0097	1.42	.2051	.16	.11	.0014
62	12	30.20	51.65	.005	2.11	1.27	.0422	1.66	.1183	.30	.18	.0060
62	12	30.20	51.65	999.000	2.18	1.40	.0097	1.56	999.0000	.31	.20	.0014
62	13	28.80	42.64	.012	4.77	2.77	.0487	1.72	.2462	.68	.40	.0070
62	13	28.80	42.64	.006	3.49	2.47	.0422	1.42	.1420	.50	.35	.0060
62	13	28.80	42.64	.005	3.34	2.37	.0585	1.41	.0855	.48	.34	.0084
62	13	28.80	42.64	999.000	6.55	4.07	.0487	1.61	999.0000	.94	.58	.0070
62	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	15	26.40	40.54	.001	1.76	1.54	.0097	1.14	.1026	.25	.22	.0014
62	15	26.40	40.54	.001	2.43	1.89	.0097	1.29	.1026	.35	.27	.0014
62	15	26.40	40.54	.001	2.14	1.74	.0032	1.23	.3077	.31	.25	.0005
62	15	26.40	40.54	999.000	2.28	1.89	.0032	1.21	999.0000	.33	.27	.0005
62	16	29.20	50.45	.060	12.89	7.75	.0650	1.66	.9231	1.84	1.11	.0093
62	16	29.20	50.45	.041	17.73	10.64	.1072	1.67	.3823	2.53	1.52	.0153
62	16	29.20	50.45	999.000	11.75	7.37	.0487	1.60	999.0000	1.68	1.05	.0070
62	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
62	17	28.70	46.10	.115	41.69	23.49	.3250	1.77	.3539	5.96	3.36	.0464
62	17	28.70	46.10	.080	33.33	18.96	.2112	1.76	.3787	4.76	2.71	.0302
62	17	28.70	46.10	999.000	19.81	11.29	.1235	1.76	999.0000	2.83	1.61	.0176
62	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

6 WEEK PRODUCTIVITY DATA FILE. PAGE * 11

WEEK	SITE	TEMP,C	LANGLEYS	(14CUP	CHLA	PHAEO	DRYWT	CHLA/PHAEO	C14/DRYWT	CHLA/WK	PHAEO/WK	DRYWT/WK)-UG
68	1	28.10	49.85	.309	210.54	118.24	.1722	1.78	1.7939	35.09	19.71	.0287
68	1	28.10	49.85	.205	123.01	63.02	.1950	1.95	1.0513	20.50	10.50	.0325
68	1	28.10	49.85	.395	234.03	124.11	.3022	1.89	1.3069	39.11	20.68	.0504
68	1	28.10	49.85	999.000	109.67	58.23	.0975	1.88	999.0000	18.28	9.71	.0162
68	2	28.00	30.03	.024	12.60	10.29	.0097	1.22	2.4616	2.10	1.71	.0016
68	2	28.00	30.03	.023	20.76	13.44	.0097	1.54	2.3590	3.46	2.24	.0016
68	2	28.00	30.03	.006	11.00	9.46	999.0000	1.16	999.0000	1.83	1.58	999.0000
68	2	28.00	30.03	999.000	21.41	18.08	.0000	1.18	999.0000	3.57	3.01	.0000
68	3	28.40	22.82	.002	999.00	999.00	.0422	999.00	.0473	999.00	999.00	.0070
68	3	28.40	22.82	.003	999.00	999.00	.0162	999.00	.1846	999.00	999.00	.0027
68	3	28.40	22.82	.002	2.08	1.51	.0162	1.38	.1231	.35	.25	.0027
68	3	28.40	22.82	999.000	3.60	3.14	.0487	1.15	999.0000	.60	.52	.0081
68	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	4	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	5	28.00	32.88	.250	175.30	101.26	.8125	1.73	.3077	29.22	16.88	.1354
68	5	28.00	32.88	.259	330.34	189.03	3.2174	1.75	.0805	55.06	31.50	.5362
68	5	28.00	32.88	.288	299.39	173.90	1.1212	1.72	.2569	49.90	28.98	.1869
68	5	28.00	32.88	999.000	302.37	175.45	1.3975	1.72	999.0000	50.39	29.24	.2329
68	6	28.00	37.24	.243	221.81	123.47	.2437	1.80	.9969	36.97	20.58	.0406
68	6	28.00	37.24	.287	269.86	156.08	.2762	1.73	1.0389	44.98	26.01	.0460
68	6	28.00	37.24	.198	284.57	164.98	.2762	1.72	.7166	47.43	27.50	.0460
68	6	28.00	37.24	999.000	176.88	103.19	.2697	1.71	999.0000	29.48	17.20	.0450
68	7	28.00	30.03	.275	332.60	190.26	.5200	1.75	.5289	55.43	31.71	.0867
68	7	28.00	30.03	.257	294.81	165.48	.4062	1.78	.6326	49.13	27.58	.0677
68	7	28.00	30.03	.262	388.55	223.06	.5525	1.74	.4742	64.76	37.18	.0921
68	7	28.00	30.03	999.000	415.14	232.07	.4875	1.79	999.0000	69.19	38.68	.0812
68	8	28.40	18.32	.346	540.91	316.32	.7150	1.71	.4839	90.15	52.72	.1192
68	8	28.40	18.32	.388	551.79	319.94	.8612	1.72	.4505	91.97	53.32	.1435
68	8	28.40	18.32	.355	411.68	240.11	.5200	1.71	.6827	68.61	40.02	.0867
68	8	28.40	18.32	999.000	543.24	316.75	.8125	1.72	999.0000	90.54	52.79	.1354
68	9	28.40	27.48	.563	651.32	476.57	3.2824	1.79	.1715	141.89	79.43	.5471
68	9	28.40	27.48	.732	733.17	415.21	2.6649	1.77	.2747	122.19	69.20	.4442
68	9	28.40	27.48	.659	847.13	476.31	3.3149	1.78	.1988	141.19	79.38	.5525
68	9	28.40	27.48	999.000	1041.63	593.47	3.6399	1.76	999.0000	173.61	98.91	.6067
68	10	28.00	32.58	.472	481.44	270.69	2.2424	1.78	.2105	80.24	45.12	.3737
68	10	28.00	32.58	.581	588.37	338.26	1.5600	1.74	.3724	98.06	56.38	.2600
68	10	28.00	32.58	.575	742.50	422.13	1.6250	1.76	.3539	123.75	70.36	.2708
68	10	28.00	32.58	999.000	833.94	480.63	3.1199	1.74	999.0000	138.99	80.11	.5200
68	11	27.90	32.13	.039	25.83	13.89	.0747	1.86	.5216	4.31	2.32	.0125
68	11	27.90	32.13	.012	13.28	9.54	.0097	1.39	1.2308	2.21	1.59	.0016
68	11	27.90	32.13	.010	8.40	8.75	999.0000	.96	999.0000	1.40	1.46	999.0000
68	11	27.90	32.13	999.000	7.11	7.35	.0097	.97	999.0000	1.18	1.23	.0016
68	12	28.10	15.32	.009	10.10	7.26	999.0000	1.39	999.0000	1.68	1.21	999.0000
68	12	28.10	15.32	.006	10.28	8.10	999.0000	1.27	999.0000	1.71	1.35	999.0000
68	12	28.10	15.32	.006	7.13	4.88	999.0000	1.46	999.0000	1.19	.81	999.0000
68	12	28.10	15.32	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	13	28.60	18.32	.027	5.90	3.82	.0487	1.54	.5539	.98	.64	.0081
68	13	28.60	18.32	.015	5.92	4.10	.0097	1.44	1.5385	.99	.68	.0016
68	13	28.60	18.32	.029	10.40	6.17	.0422	1.69	.6864	1.73	1.03	.0070
68	13	28.60	18.32	999.000	13.40	8.96	.0162	1.50	999.0000	2.23	1.49	.0027
68	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	14	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	15	28.20	32.58	.006	2.61	2.05	999.0000	1.27	999.0000	.43	.34	999.0000
68	15	28.20	32.58	.007	4.31	2.40	999.0000	1.79	999.0000	.72	.40	999.0000
68	15	28.20	32.58	.005	3.98	3.05	999.0000	1.30	999.0000	.66	.51	999.0000
68	15	28.20	32.58	999.000	5.19	4.92	999.0000	1.06	999.0000	.87	.82	999.0000
68	16	28.40	37.54	.014	19.46	11.50	999.0000	1.69	999.0000	3.24	1.92	999.0000
68	16	28.40	37.54	999.000	13.82	8.12	999.0000	1.70	999.0000	2.30	1.35	999.0000
68	16	28.40	37.54	999.000	17.38	10.17	.0325	1.71	999.0000	2.90	1.69	.0054
68	16	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000
68	17	28.20	27.48	.016	19.63	12.13	.0585	1.62	.2735	3.27	2.02	.0097
68	17	28.20	27.48	.017	16.16	9.33	.0650	1.73	.2615	2.69	1.56	.0106
68	17	28.20	27.48	999.000	18.39	11.94	.0812	1.54	999.0000	3.07	1.99	.0135
68	17	999.00	999.00	999.000	999.00	999.00	999.0000	999.00	999.0000	999.00	999.00	999.0000

PRODAT1 CONTINUED